



007-101-1  
Microphone cable XLR 3 PIN FEMALE-XLR 3PIN MALE  
1 meter

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2024

## Microphone Cable

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YME220

YME220B

YME238

YME251

YME251514-BB

YQD420

YMC24-HP

YPK215

YPK220

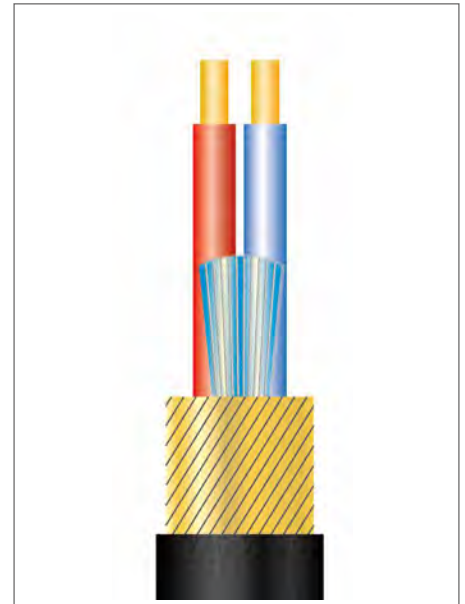
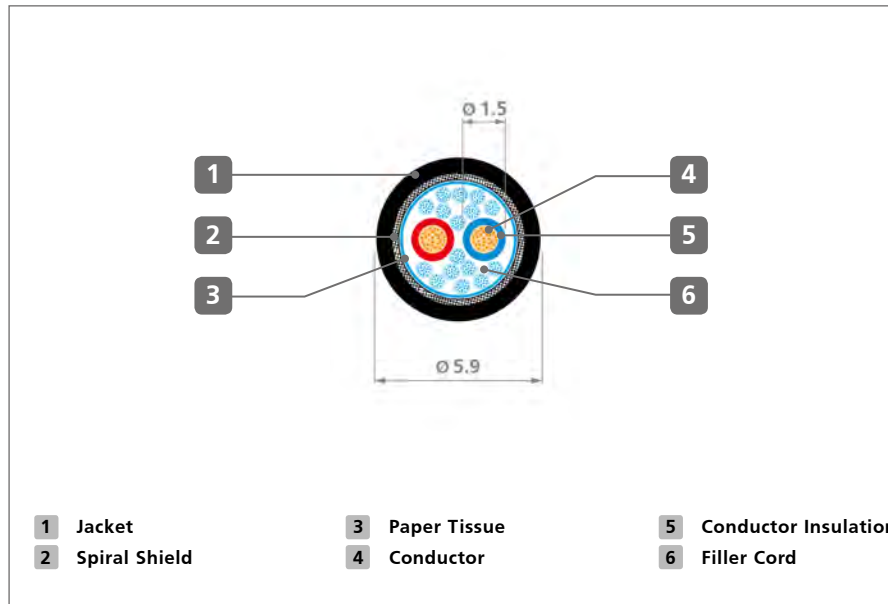
YPK420

YTT414

# Microphone Cable

YME220

Microphone Cable, O.D. 5.9 mm, 0.22 mm<sup>2</sup> / AWG 24



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.5 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 60 mm one turn, left hand
<b>Spiral shield</b>	85 x 0.10 mm, bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained Hardness: 65 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 5.9 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

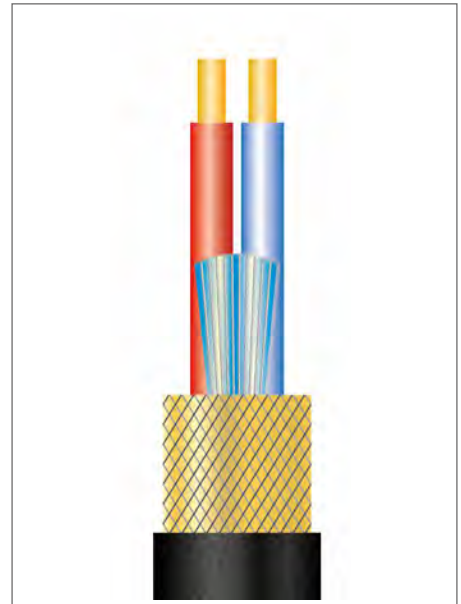
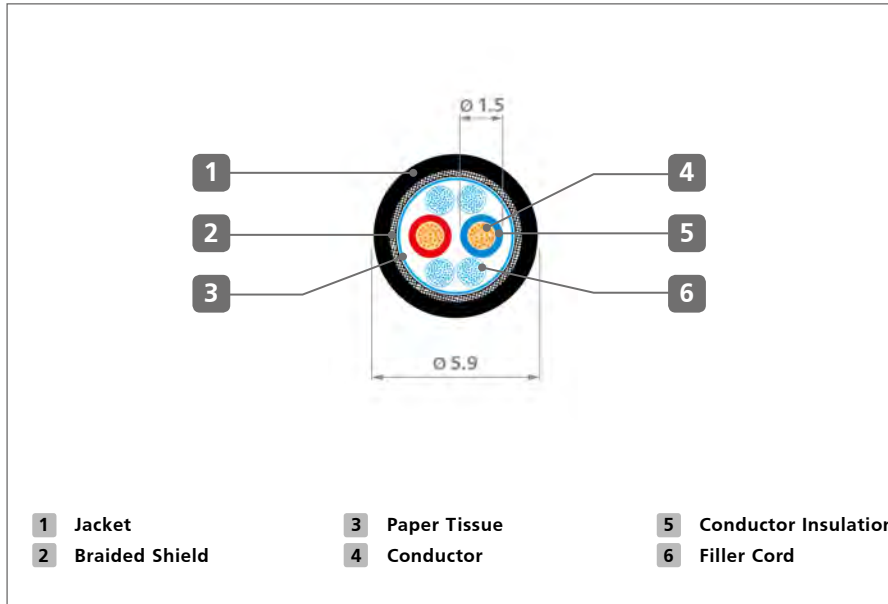
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 30 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance 1 Conductor to Conductor</b>	≤ 65 pF / m – 1 KHz
<b>Capacitance 2 Conductor to Screen</b>	≤ 115 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YME220B**

**Microphone Cable, Braided Shield, O.D. 5.9 mm, 0.22 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.5 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 60 mm one turn, left hand
<b>Shield</b>	16 x 8 Ø 0.10 mm Braided shield, bare annealed copper, OFC standard Coverage ≥ 99 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 5.9 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

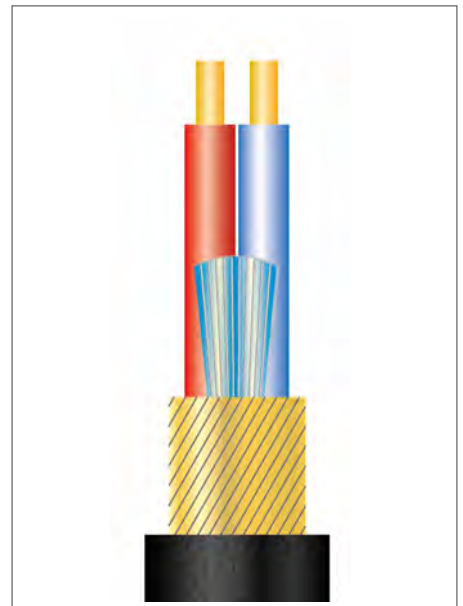
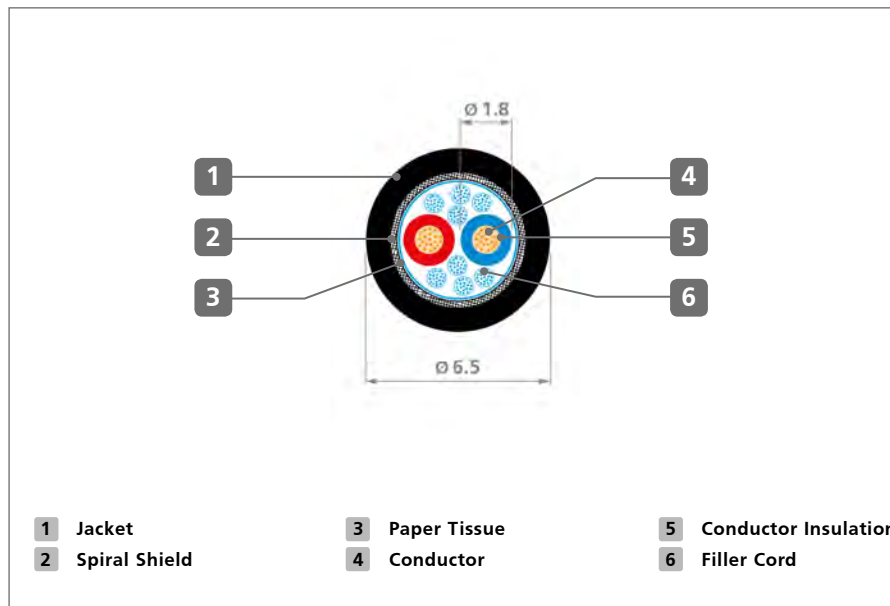
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 30 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance 1 Conductor to Conductor</b>	≤ 80 pF / m – 1 KHz
<b>Capacitance 2 Conductor to Screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

YME238

Microphone Cable, O.D. 6.5 mm, 0.38 mm<sup>2</sup> / AWG 22



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.38 mm <sup>2</sup> / AWG 22
<b>Composition of conductor</b>	20 x 0.15 mm / 20 x AWG 34 Annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.8 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 60 mm one turn, left hand
<b>Spiral shield</b>	85 x Ø 0.10 mm, bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.5 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

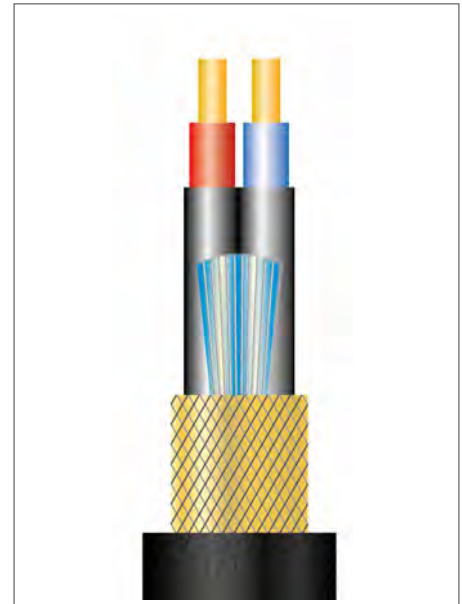
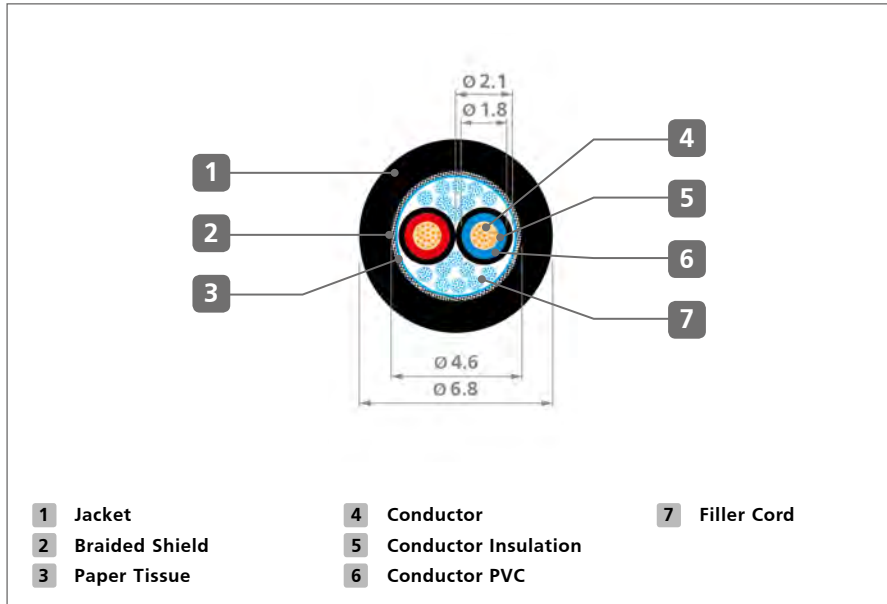
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 48 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 30 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance 1 Conductor to Conductor</b>	≤ 80 pF / m – 1 KHz
<b>Capacitance 2 Conductor to Screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor to Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YME251**

**Microphone Cable, O.D. 6.8 mm, 2 x 0.51 mm<sup>2</sup> / AWG 20**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.51 mm <sup>2</sup> / AWG 20
<b>Composition of conductor</b>	29 x 0.15 mm / 29 x AWG 34 Bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.8 mm
<b>Conductor color</b>	Red & Blue
<b>Conductor Plastic Layer</b>	Conductive PVC Ø 2.1 mm
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 40 mm one turn, left hand
<b>Braided Screen</b>	16 x 8 Ø 0.10 mm bare annealed copper, OFC standard, Coverage ≥ 85 % Ø 4.6 mm
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.8 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

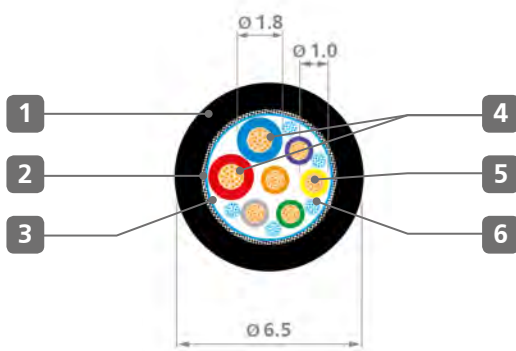
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 38 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 25 mΩ / m – 20 °C
<b>Conductor Plastic DC resistance</b>	≤ 7 KΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance 1 Conductor to Conductor</b>	≤ 90 pF / m – 1 KHz
<b>Capacitance 2 Conductor to Screen</b>	≤ 190 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor to Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YME251514-BB**

**Microphone Cable, 2 power & 5 signal conductors, double braided shield**  
**O.D. 6.5 mm, 0.51 mm<sup>2</sup> / AWG 20, 0.14 mm<sup>2</sup> / AWG 26**



- |                                |                          |                           |
|--------------------------------|--------------------------|---------------------------|
| <b>1</b> Jacket                | <b>3</b> Paper Tissue    | <b>5</b> Conductor signal |
| <b>2</b> Double Braided Shield | <b>4</b> Conductor power | <b>6</b> Filler Cord      |



## MECHANICAL SPECIFICATION

<b>Conductor area power</b>	0.51 mm <sup>2</sup> / AWG 20
<b>Conductor area signal</b>	0.14 mm <sup>2</sup> / AWG 26
<b>Composition of power conductors</b>	29 x Ø 0.15 mm / 29 x AWG 34 Bare annealed copper, OFC standard
<b>Composition of signal conductors</b>	19 x Ø 0.10 mm / 19 x AWG 38 Bare annealed copper, OFC standard
<b>Conductor insulation power</b>	LD-PE, Ø 1.8 mm
<b>Conductor insulation signal</b>	LD-PE, Ø 1.0 mm
<b>Conductor color power</b>	Red & Blue
<b>Conductor color signal</b>	Yellow, Grey, Orange, Green, Violet
<b>Conductor Plastic Layer</b>	PVC, Ø 2.1 mm
<b>Filler</b>	Cotton Strand
<b>Composition of power cores</b>	power cores twisted 60 mm one turn, left hand
<b>Shield</b>	64 x Ø 0.10 mm 2 x Braid Shield, OFC standard Coverage 100 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained Hardness: 65 - 70 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.5 mm tolerance: +/- 0.1 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

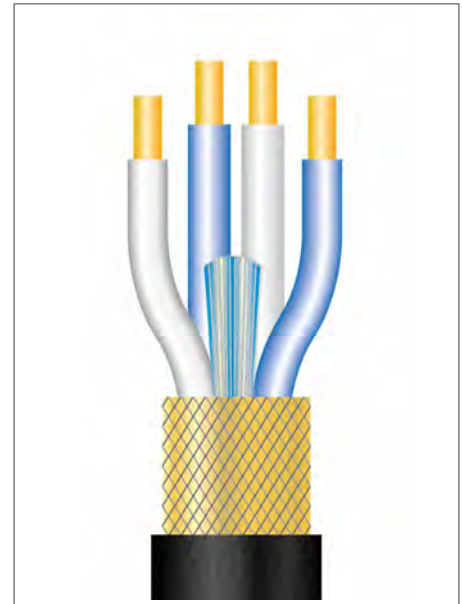
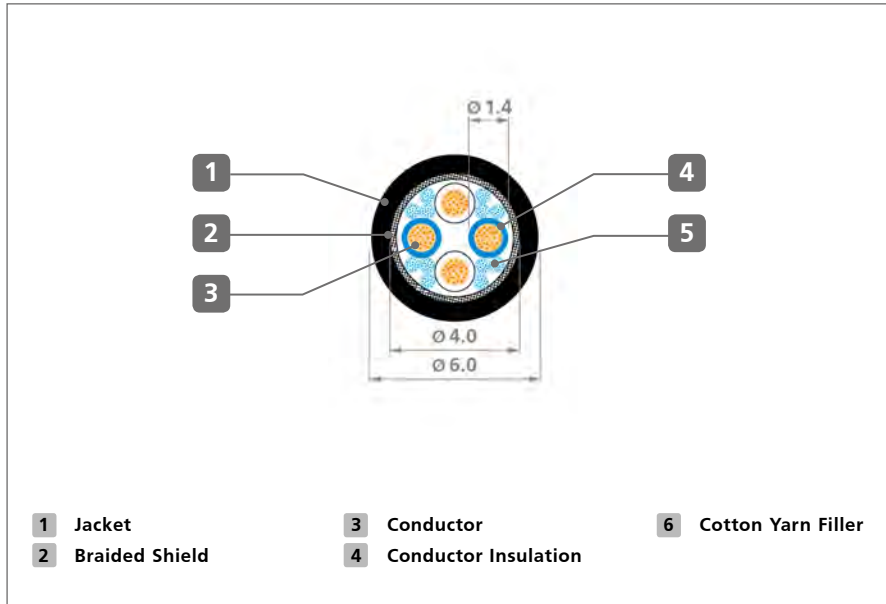
## ELECTRICAL SPECIFICATION

<b>Conductor power DC resistance</b>	≤ 116 mΩ / m – 20 °C
<b>Conductor signal DC resistance</b>	
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance power Conductor to Conductor</b>	≤ 90 pF / m – 1 KHz
<b>Capacitance signal Conductor to Signal Conductor</b>	≤ 90 pF / m – 1 KHz
<b>Capacitance power Conductor to screen</b>	≤ 140 pF / m – 1 KHz
<b>Capacitance signal Conductor to screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor to Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YQD420**

**Microphone Cable, Star Quad Type, 2 x 2 Conductors densely twisted, O.D. 6.0 mm, 0.21 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.4 mm
<b>Conductor color</b>	2 x White & 2 x Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	4 twisted cores, Symmetrically placed 20 mm one turn, left hand
<b>Shield</b>	16 x 8 Ø 0.10 mm Braided shield, Tined annealed, soft copper, OFC Densely braided, Angle 45° Coverage > 99 %
<b>Overall jacket material</b>	PVC Hardness: 65 - 70 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.0 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

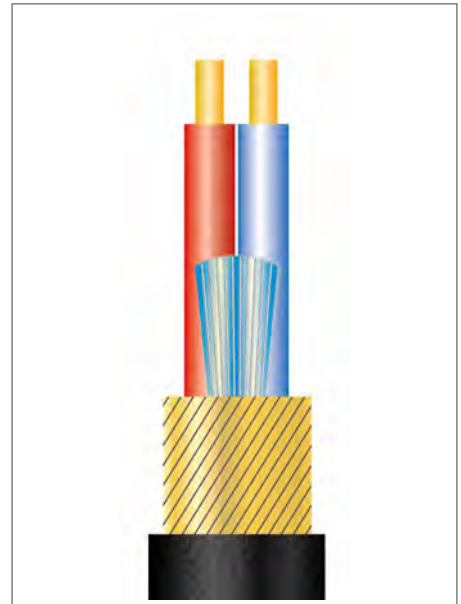
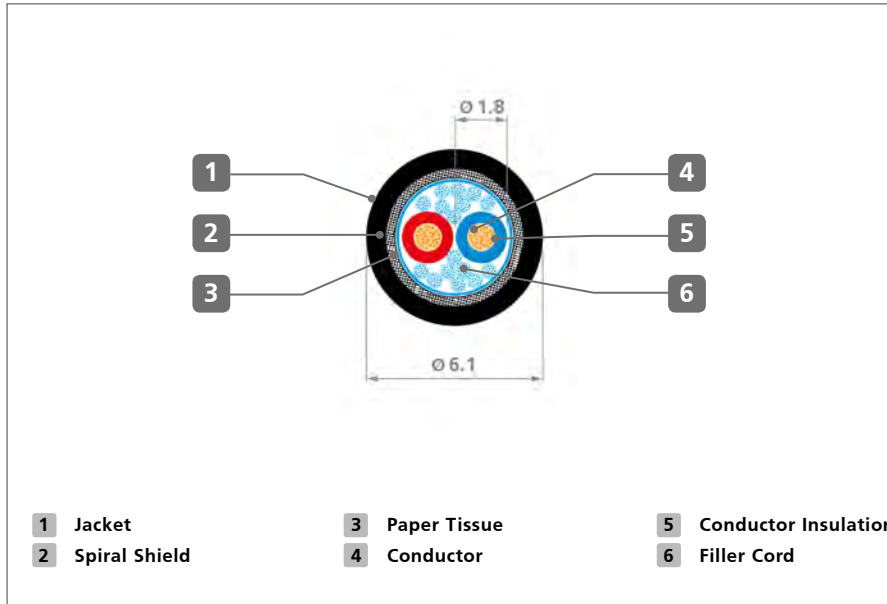
<b>Conductor DC resistance</b>	≤ 85 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 38 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Twin blue Conductors to Twin white Conductors</b>	≤ 130 pF / m – 1 KHz
<b>Capacitance Twin Conductors to Screen</b>	≤ 185 pF / m – 1 KHz
<b>Nominal Impedance</b>	44 Ω
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute



# Microphone Cable

**YMC24-HP**

**High Performance Microphone Cable, High Flexible, PU Jacket, O.D. 6.1 mm, 0.24 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.24 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	30 x 0.10 mm / 30 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.8 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 40 mm one turn, left hand
<b>Spiral shield</b>	85 x 0.10 mm, bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PU (Polyurethane) Hardness: 65 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.1 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

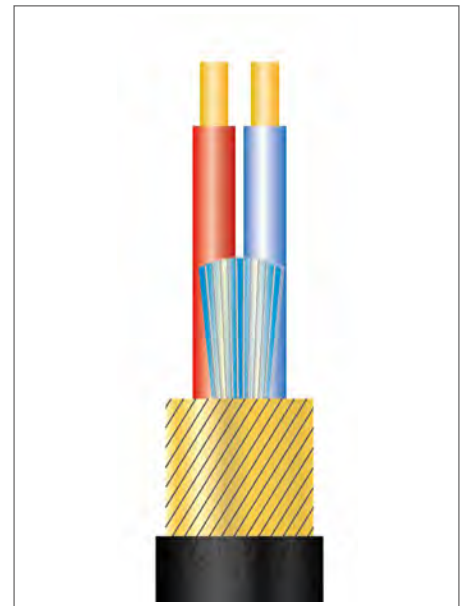
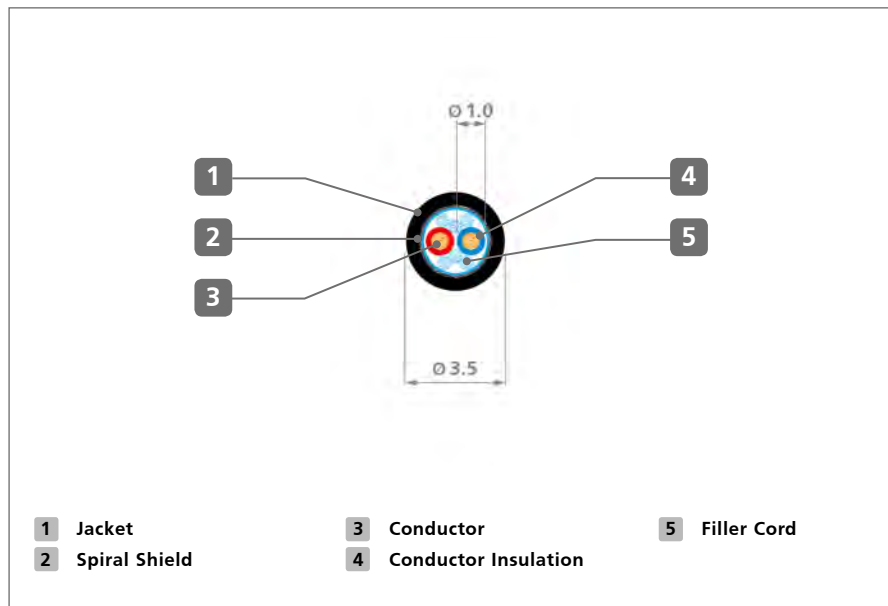
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 74 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 25 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 80 pF / m – 1 KHz
<b>Capacitance Conductor to Screen</b>	≤ 120 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YPK215**

Patch Cable, O.D. 3.5 mm, 0.15 mm<sup>2</sup> / AWG 26



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.15 mm <sup>2</sup> / AWG 26
<b>Composition of conductor</b>	19 x 0.10 mm / 19 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.0 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 40 mm one turn, left hand
<b>Spiral shield</b>	62 x 0.10 mm bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained Hardness: 65 - 70 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 3.5 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

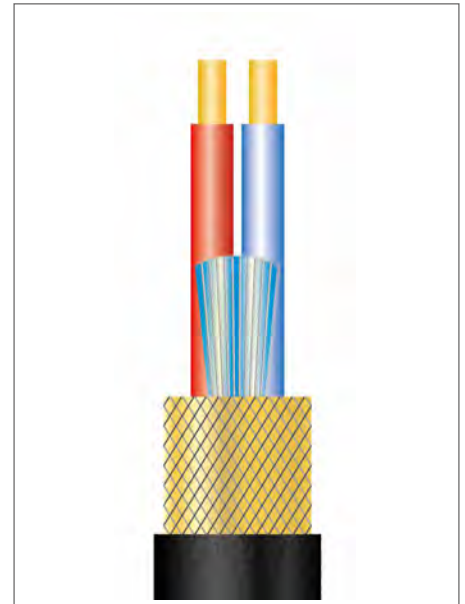
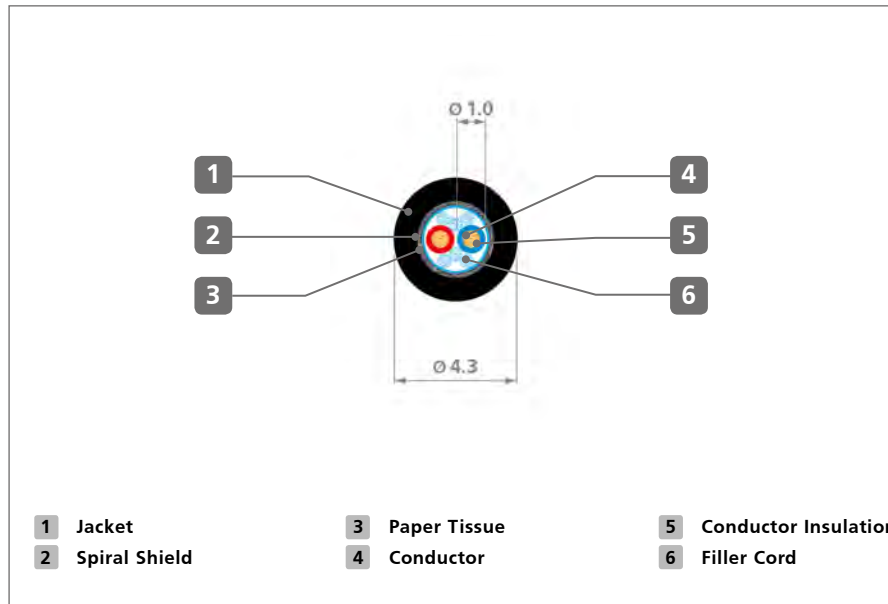
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 120 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 90 pF / m – 1 KHz
<b>Capacitance Conductor to Screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YPK220**

Patch Cable, O.D. 4.3 mm, 0.22 mm<sup>2</sup> / AWG 24



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.0 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 40 mm one turn, left hand
<b>Spiral shield</b>	63 x 0.10 mm bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 4.3 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

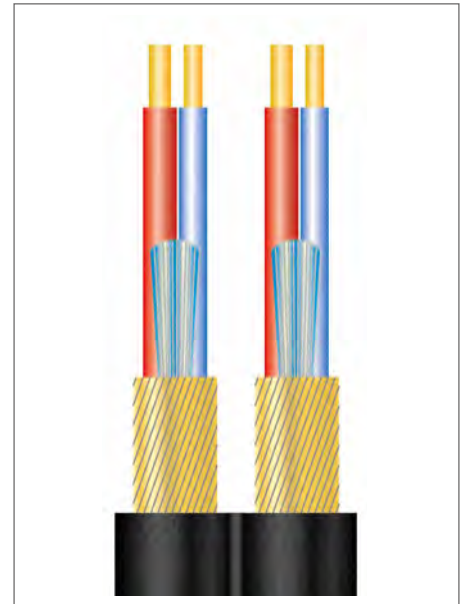
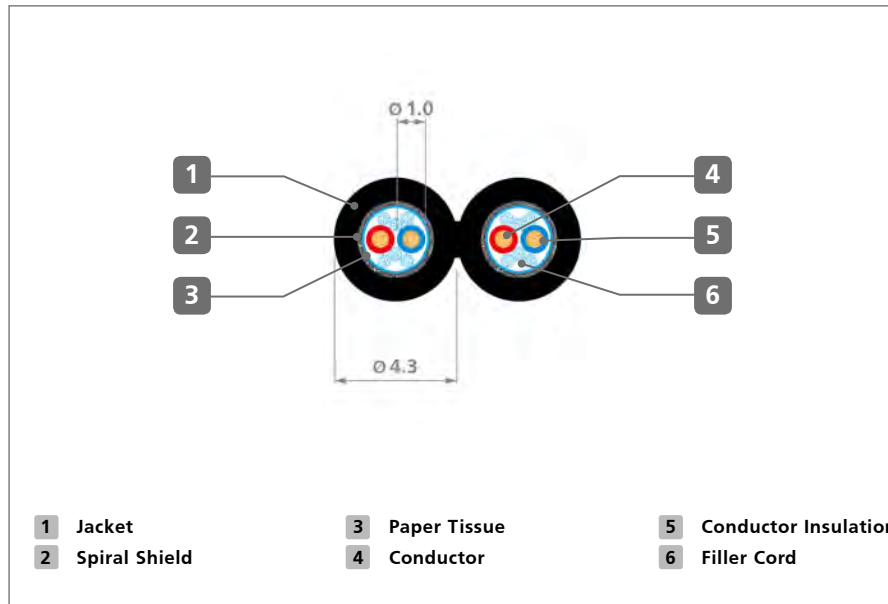
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 80 pF / m – 1 KHz
<b>Capacitance Conductor to Screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

**YPK420**

**Twin Microphone Cable, O.D. 4.3 mm, 0.22 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.0 mm
<b>Conductor color</b>	Red & Blue
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 40 mm one turn, left hand
<b>Spiral shield</b>	56 x 0.10 mm bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 4.3 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

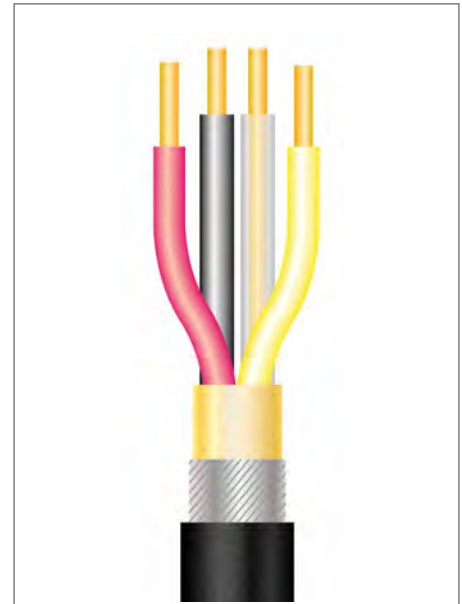
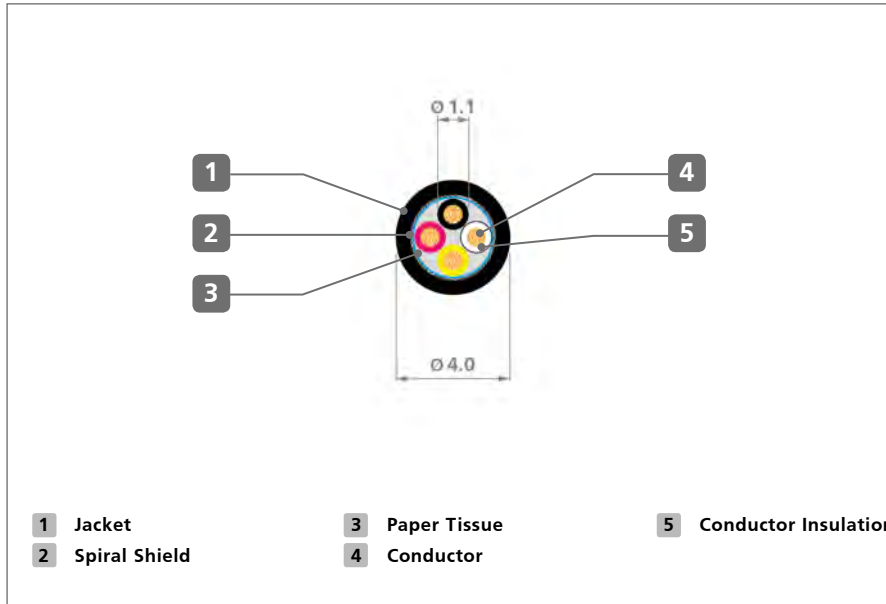
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 80 pF / m – 1 KHz
<b>Capacitance Conductor to Screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

# Microphone Cable

YTT414

4-core MIDI / Signal Cable, O.D. 4.0 mm, 0.14 mm<sup>2</sup> / AWG 26



## MECHANICAL SPECIFICATION      ELECTRICAL SPECIFICATION

<b>Conductor area</b>	0.14 mm <sup>2</sup> / AWG 26
<b>Composition of conductor</b>	20 x 0.10 mm / 20 x AWG 38 bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE Ø 1.1 mm
<b>Conductor color</b>	Red, Yellow, Black, White
<b>Composition of core</b>	4 twisted cores 40 mm one turn, left hand
<b>Spiral shield</b>	84 x 0.10 mm bare annealed copper, OFC standard Coverage > 90 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 4.0 mm tolerance: +/- 0.2 mm
<b>Working temperature</b>	- Mobile: -5 °C to +70 °C - Fixed: -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

<b>Conductor DC resistance</b>	≤ 128 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 36 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 135 pF / m – 1 KHz
<b>Capacitance Conductor to Screen</b>	≤ 180 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute
<b>Test voltage: Conductor / Screen</b>	1.000 V eff – 50 Hz, 1 Minute

## Guitar / Instrument Cable

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**YIC38-HP**

**YIK122**

**YIK122-CL**

**YIK122B**

**YIK122B1**

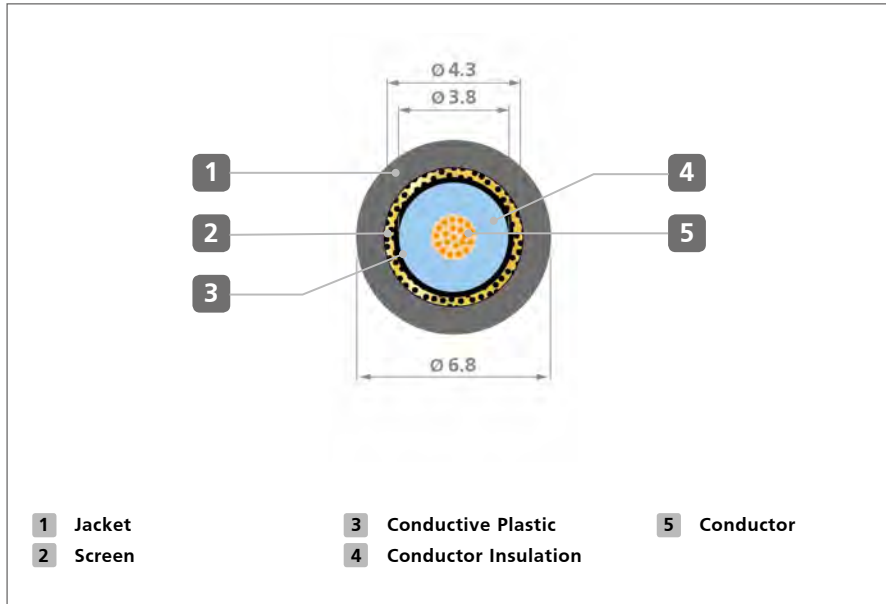
**YIK122-HP**

**YIK151**

# Guitar / Instrument Cable

## YIC38-HP

Physical Foamed High Performance Instrument / Guitar Cable, Low Capacitance  
O.D. 6.8 mm, 0.38 mm<sup>2</sup> / AWG 22



### MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.38 mm <sup>2</sup> / AWG 22
<b>Composition of conductor</b>	21 x 0.15 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	Foamed PE Ø 3.8 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 4.3 mm
<b>Foil shield</b>	AL - PT Foil, Coverage 100% Conductive side (AL coated) towards braided shield, spiral wound
<b>Shield</b>	66 x Ø 0.15 mm, Spiral shield, Bare annealed copper, OFC standard, Coverage ≥ 95 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained Hardness: 65 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.8 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-10 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

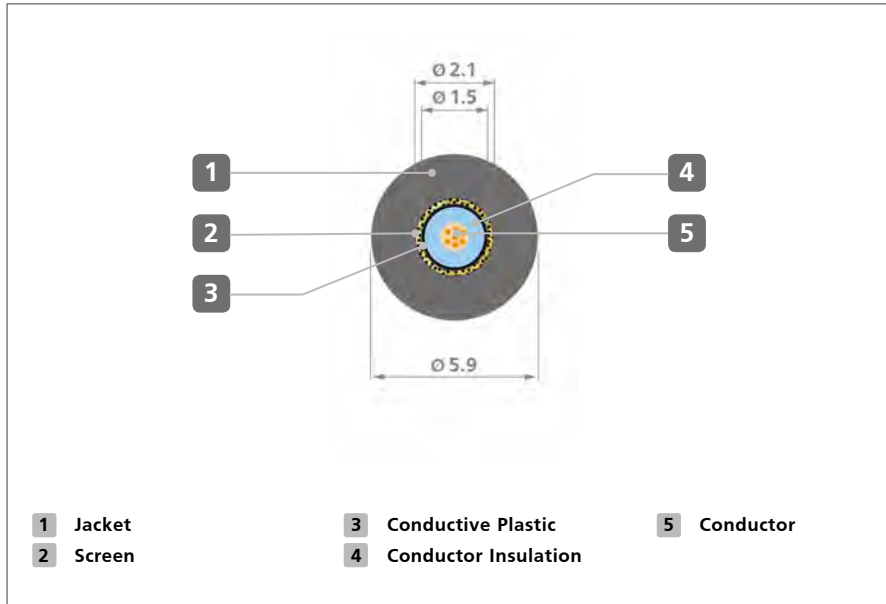
### ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 46 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 18 mΩ / m – 20 °C
<b>Conductive Plastic DC resistance</b>	≤ 3 KΩ – Distance 20 mm
<b>Capacitance conductor / screen</b>	≤ 58 pF / m – 1 KHz
<b>Nominal Impedance</b>	75 Ω
<b>Insulation resistance</b>	> 1 GΩ / m – 20 °C, 500 V <sub>DC</sub>
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

# Guitar / Instrument Cable

YIK 122

Instrument / Guitar Cable, O.D. 5.9 mm, 0.22 mm<sup>2</sup> / AWG 24



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE, Type: DOW 6005 Ø 1.5 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 2.1 mm
<b>Shield</b>	58 x Ø 0.10 mm Spiral shield, Bare annealed copper, OFC standard, Coverage ≥ 99 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 5.9 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5°C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

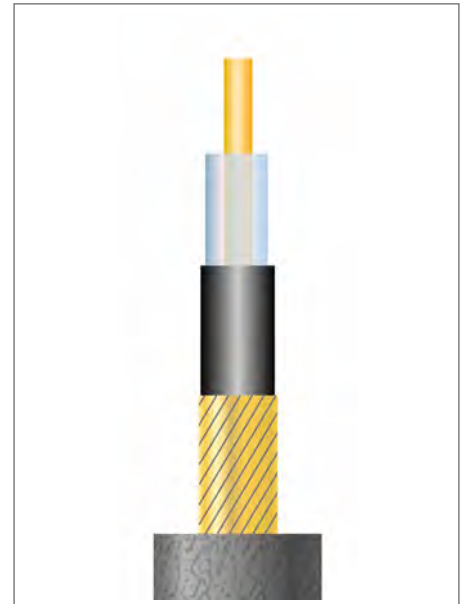
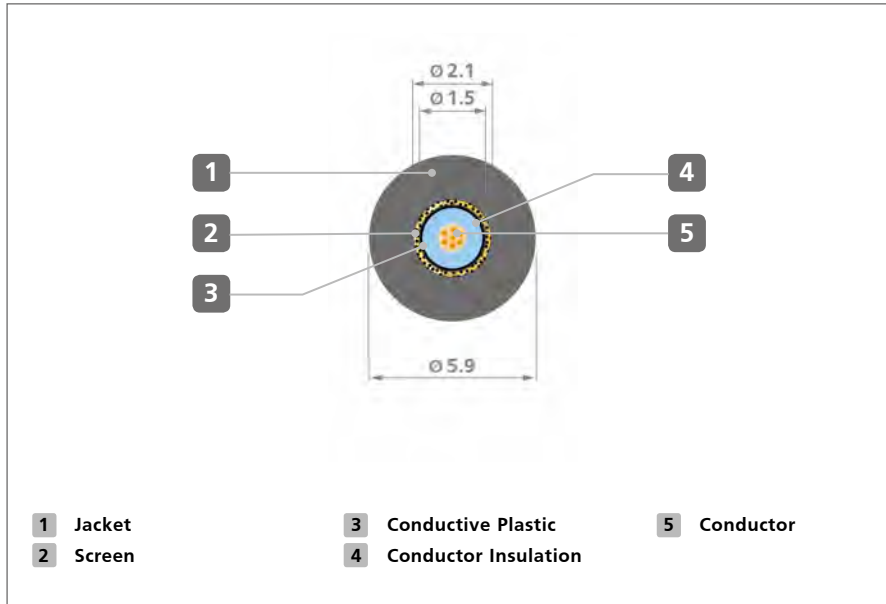
<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Conductive Plastic DC resistance</b>	≤ 3 KΩ – Distance 20 mm
<b>Insulation resistance</b>	> 1 GΩ / m – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance conductor / screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute



# Guitar / Instrument Cable

**YIK122-CL**

**Instrument / Guitar Cable, PU Jacket for coiling treatment, O.D. 5.9 mm, 0.22 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE, Type: DOW 6005 Ø 1.5 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 2.1 mm
<b>Shield</b>	58 x Ø 0.10 mm Spiral shield, Bare annealed copper, OFC standard, Coverage ≥ 99 %
<b>Overall jacket material</b>	PU (TPU) suitable for coiling treatment: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 5.9 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

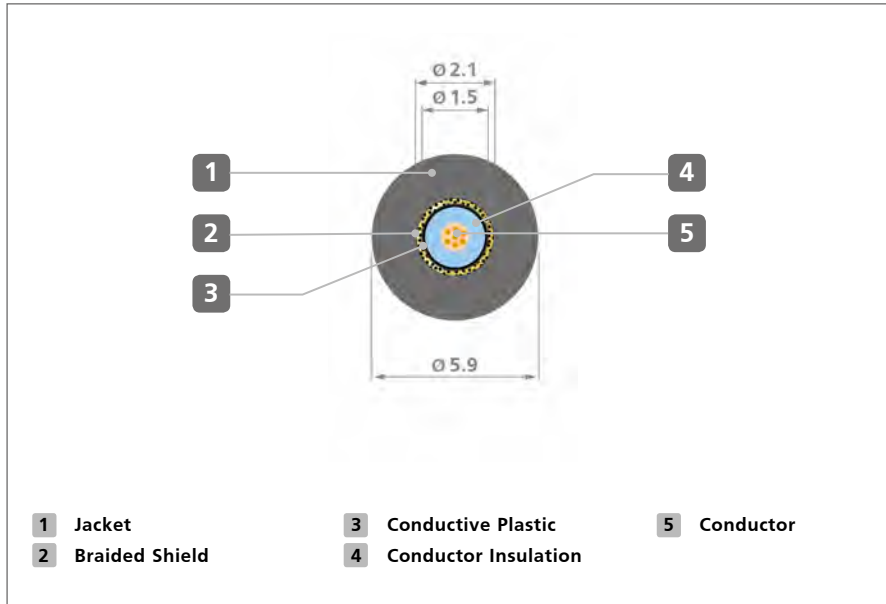
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Conductive Plastic DC resistance</b>	≤ 3 KΩ – Distance 20 mm
<b>Insulation resistance</b>	> 1 GΩ / m – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance conductor / screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

# Guitar / Instrument Cable

**YIK 122 B**

**Instrument / Guitar Cable, Braided Shield, O.D. 5.9 mm, 0.22 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE, Type: DOW 6005 Ø 1.5 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 2.1 mm
<b>Shield</b>	12 x 8 Ø 0.10 mm Braided shield, Bare annealed copper, OFC standard, Coverage ≥ 99 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 5.9 mm tolerance: +/- 0.2 mm
<b>Working temperature</b> - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

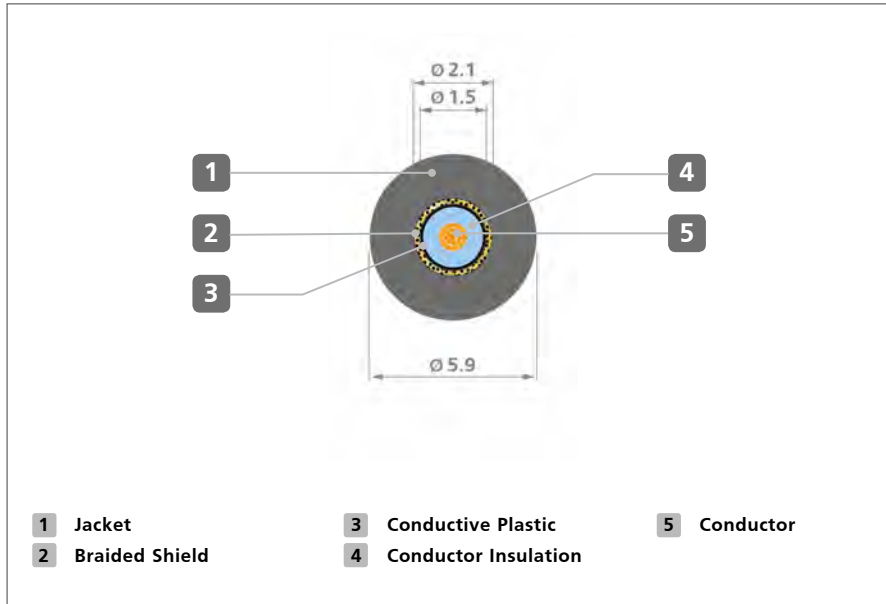
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Conductive Plastic DC resistance</b>	≤ 3 KΩ – Distance 20 mm
<b>Insulation resistance</b>	> 1 GΩ / m – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance conductor / screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

# Guitar / Instrument Cable

**YIK122B1**

**Instrument / Guitar Cable, Braided Shield and high flexible core, O.D. 5.9 mm, 0.22 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	28 x 0.10 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	LD-PE, Type: DOW 6005 Ø 1.5 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 2.1 mm
<b>Screen</b>	12 x 8 Ø 0.10 mm Braided shield, Bare annealed copper, OFC standard, Coverage ≥ 99 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 5.9 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

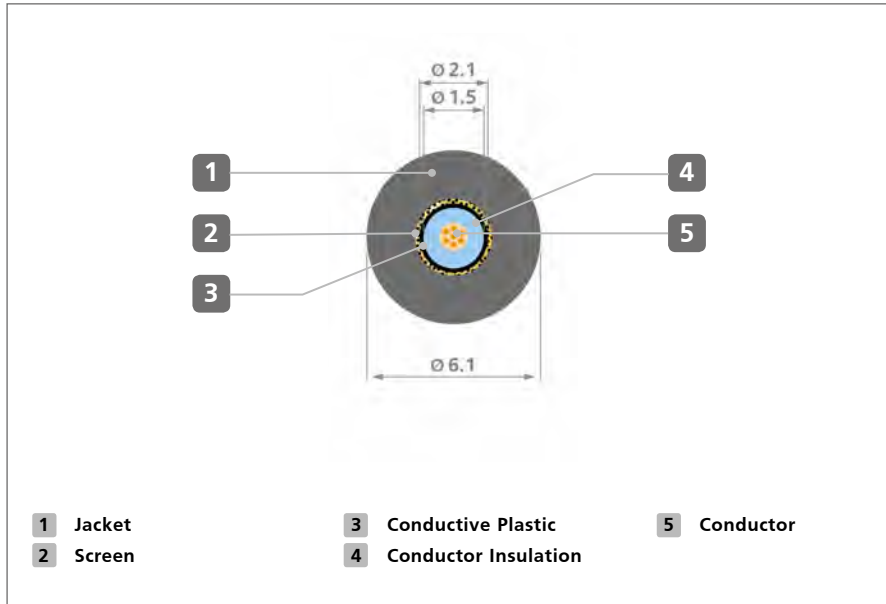
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 40 mΩ / m – 20 °C
<b>Conductive Plastic DC resistance</b>	≤ 3 KΩ – Distance 20 mm
<b>Insulation resistance</b>	> 1 GΩ / m – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance conductor / screen</b>	≤ 140 pF / m – 1 KHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

# Guitar / Instrument Cable

**YIK 122-HP**

**High Performance Instrument / Guitar Cable, O.D. 6.1 mm, 0.22 mm<sup>2</sup> / AWG 24**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	LDPE Ø 1.5 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 2.1 mm
<b>Shield</b>	Spiral wound copper wire screen Coverage ≥ 99 %
<b>Overall jacket material</b>	PVC HP-Type, with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.1 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

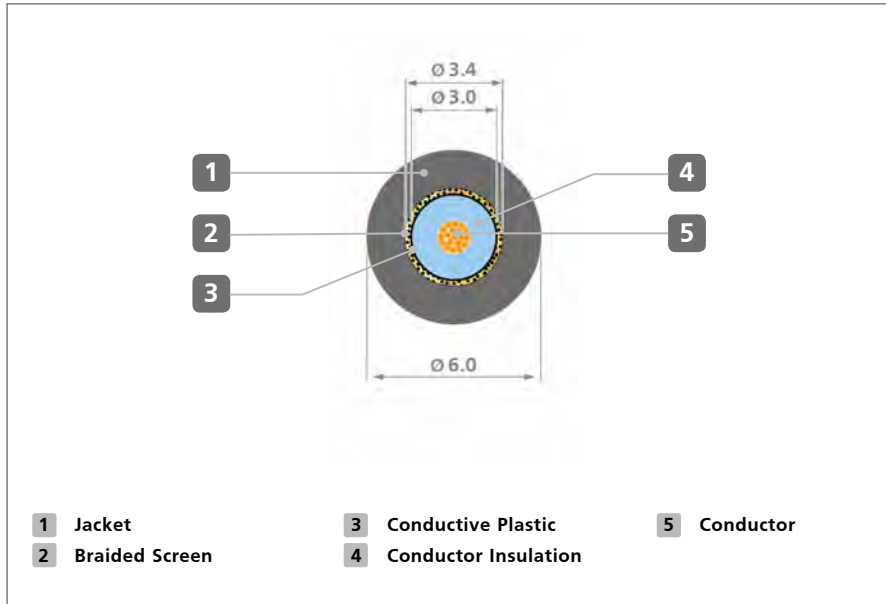
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	80 mΩ / m – 20 °C
<b>Screen DC resistance</b>	55 Ω / km
<b>Conductive Plastic resistance</b>	1.000 Ω / sq
<b>Insulation resistance</b>	20°C, 500 V <sub>DC</sub>
<b>Capacitance conductor / screen</b>	130 pF / m – 1 KHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

# Guitar / Instrument Cable

**YIK 151**

**Instrument / Guitar Cable, High flexible, O.D. 6.0 mm, 0.51 mm<sup>2</sup> / AWG 20**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.51 mm <sup>2</sup> / AWG 20
<b>Composition of conductor</b>	29 x 0.15 mm bare annealed copper, OFC standard
<b>Conductor insulation</b>	LDPE Ø 3.0 mm
<b>Conductor color</b>	transparent
<b>Conductive Plastic Layer</b>	Conductive PVC Ø 3.4 mm
<b>Screen</b>	16 x 7 Ø 0.10 mm Braided screen, Bare annealed copper, OFC standard, Coverage ≥ 90 %
<b>Overall jacket material</b>	PVC, with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.0 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 35 mΩ / m – 20 °C
<b>Screen DC resistance</b>	≤ 22 mΩ / m
<b>Conductive Plastic resistance</b>	≤ 4 KΩ – Distance 20 mm
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance conductor / screen</b>	≤ 100 pF / m, +/- 10 pF – 1 KHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

## Loudspeaker Cable

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YLS215

YLS215-HP

YL225

YLS225-HP

YLS233-HP

YLS240-HP

YLS415-HP

YLS425-HP

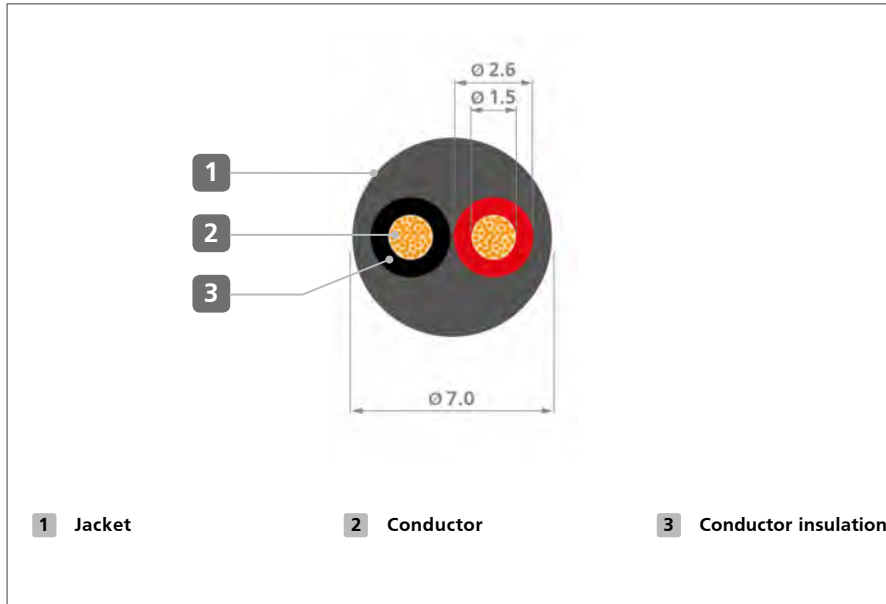
YLS440-HP

YLS825-HP

# Loudspeaker Cable

**YLS 215**

Loudspeaker Cable, O.D. 7.0 mm, 2 x 1.5 mm<sup>2</sup> / AWG 16



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	1.50 mm <sup>2</sup> / AWG 16
<b>Composition of conductor</b>	48 x 0.20 mm / 48 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 2.6 mm
<b>Conductor color</b>	Red & Black
<b>Composition of core</b>	2 twisted cores 100 mm one turn, left hand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 7.0 mm tolerance: +/- 0.2 mm
<b>Working temperature</b> - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

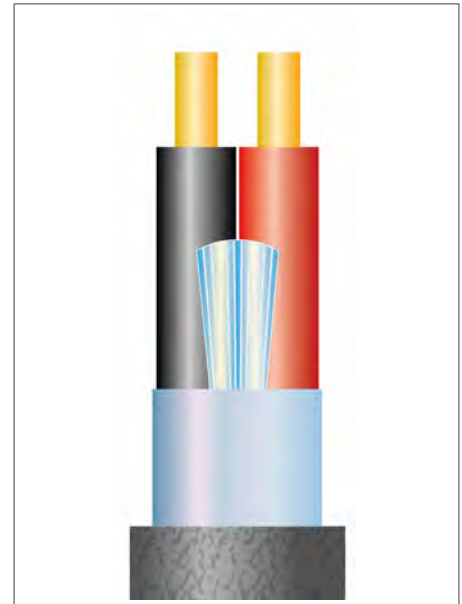
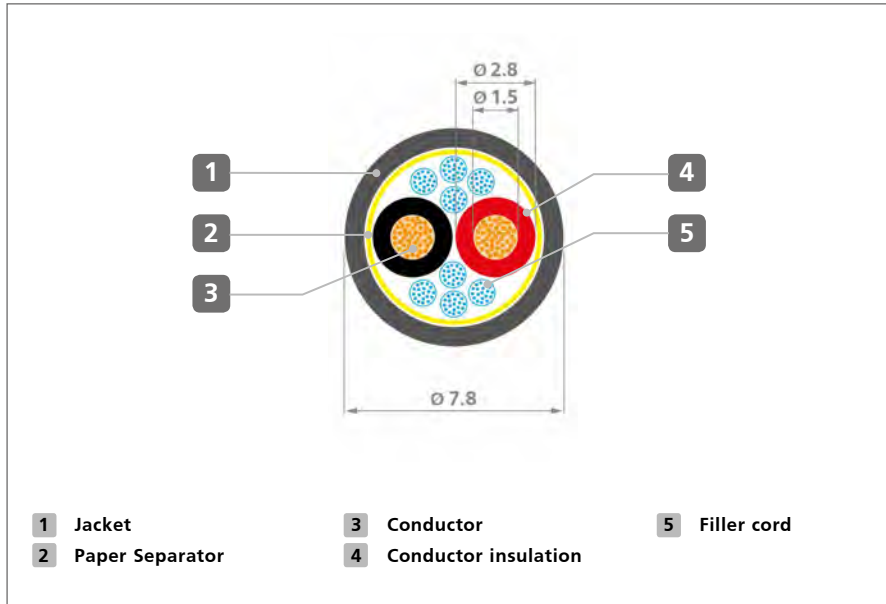
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 12 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance</b> <b>Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage:</b> <b>Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS215-HP**

High Performance Loudspeaker Cable, High Flexible, O.D. 7.8 mm, 2 x 1.5 mm<sup>2</sup> / AWG 16



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	1.50 mm <sup>2</sup> / AWG 16
<b>Composition of conductor</b>	48 x 0.20 mm / 48 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 2.8 mm
<b>Conductor color</b>	Red & Black
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 100 mm one turn, left hand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 7.8 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b>	-5 °C to +70 °C
<b>- Fixed</b>	-20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

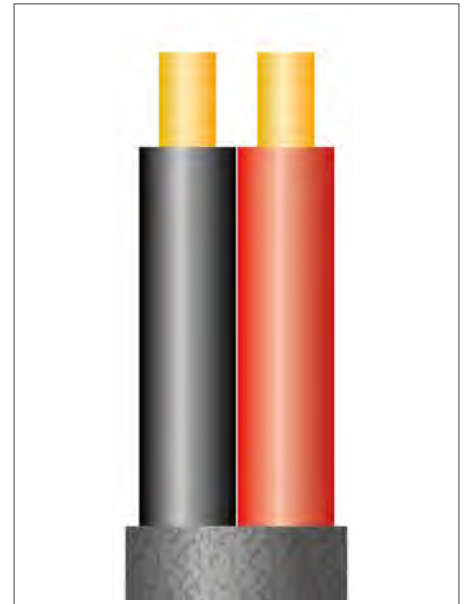
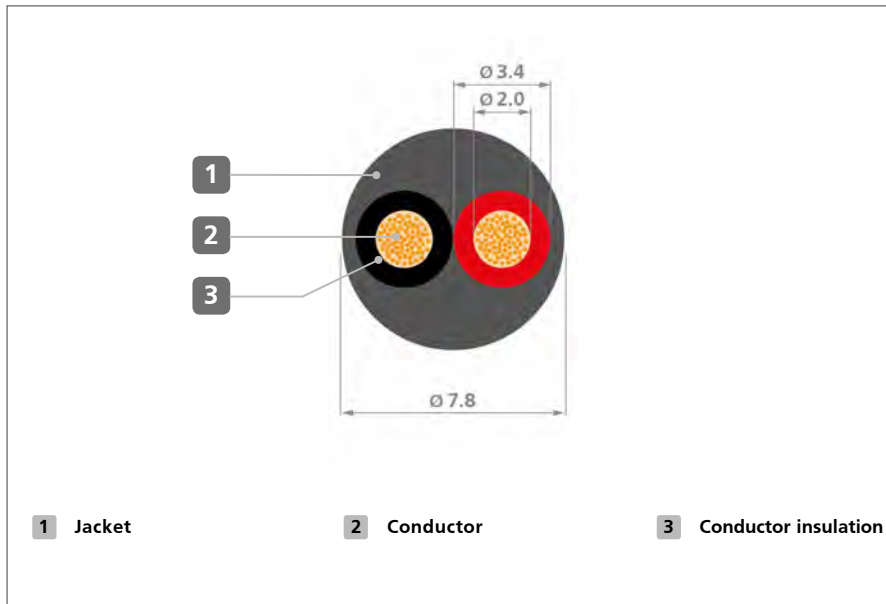
<b>Conductor DC resistance</b>	≤ 12 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute



# Loudspeaker Cable

**YLS225**

Loudspeaker Cable, O.D. 7.8 mm, 2 x 2.5 mm<sup>2</sup> / AWG 13



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	2.50 mm <sup>2</sup> / AWG 13
<b>Composition of conductor</b>	80 x 0.20 mm / 80 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC $\varnothing 3.4$ mm
<b>Conductor color</b>	Red & Black
<b>Composition of core</b>	2 twisted cores 100 mm one turn, left hand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	$\varnothing 7.8$ mm tolerance: +/- 0.2 mm
<b>Working temperature</b> - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

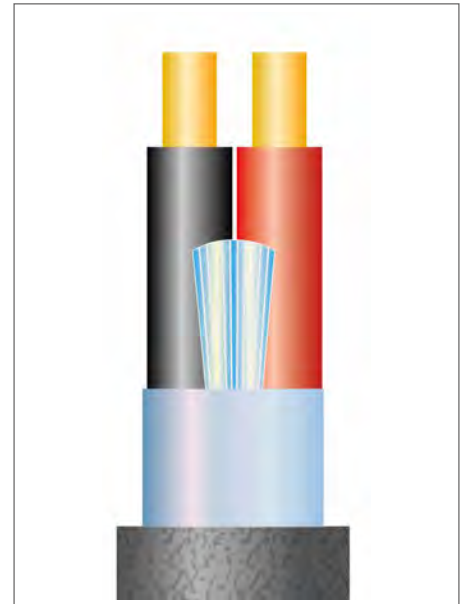
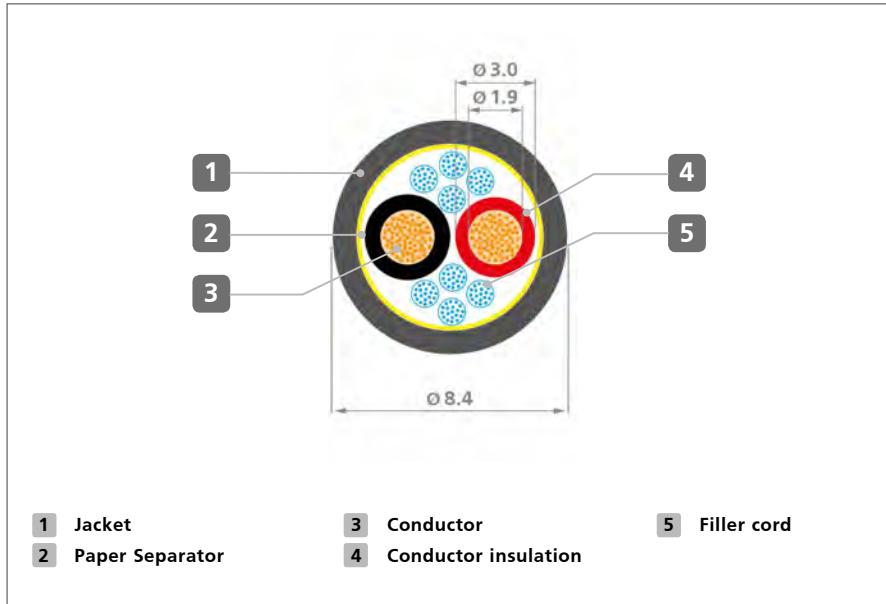
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	$\leq 7.0$ m $\Omega$ / m – 20 °C
<b>Insulation resistance</b>	> 1 G $\Omega$ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance</b> <b>Conductor to Conductor</b>	$\leq 200$ pF / m – 1 KHz
<b>Test voltage:</b> <b>Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS225-HP**

High Performance Loudspeaker Cable, High Flexible, O.D. 8.4 mm, 2 x 2.5 mm<sup>2</sup> / AWG 13



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	2.50 mm <sup>2</sup> / AWG 13
<b>Composition of conductor</b>	80 x 0.20 mm / 80 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 3.0 mm
<b>Conductor color</b>	Red & Black
<b>Composition of core</b>	2 twisted cores 100 mm one turn, left hand
<b>Filler</b>	Cotton Strand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 8.4 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

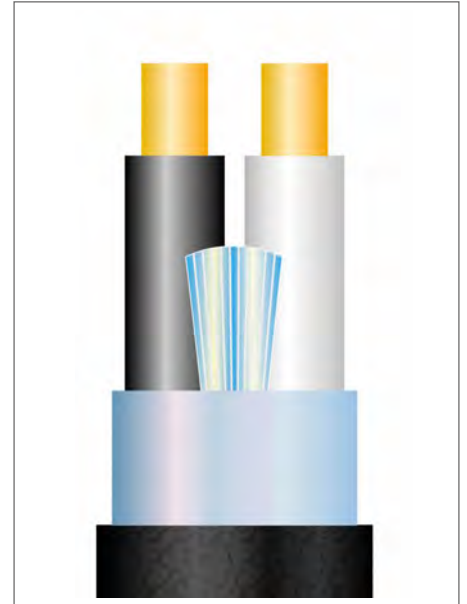
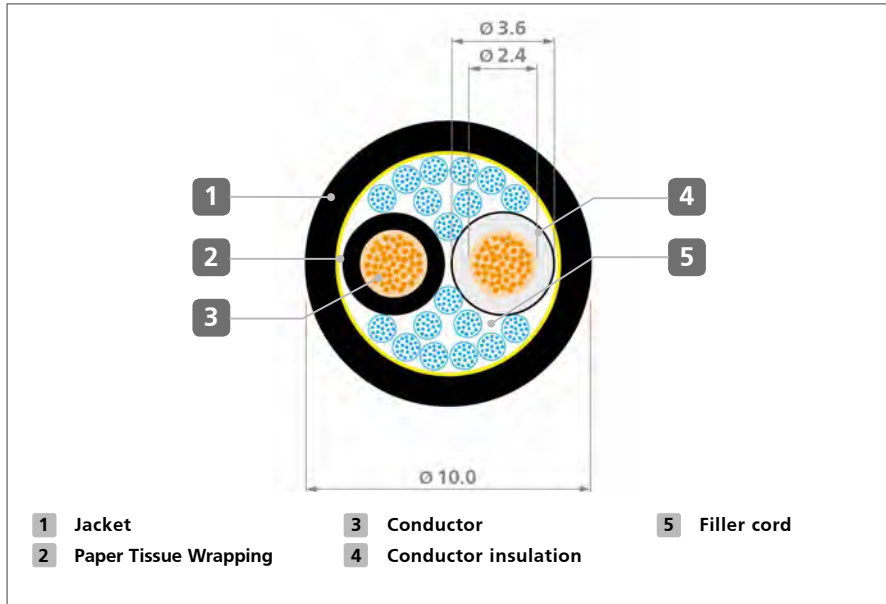
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 7.0 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 150 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS233-HP**

High Performance Loudspeaker Cable, High Flexible, O.D. 10.0 mm, 2 x 3.3 mm<sup>2</sup> / AWG 12



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	3.30 mm <sup>2</sup> / AWG 12
<b>Composition of conductor</b>	68 x 0.25 mm / 68 x AWG 30 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 3.6 mm
<b>Conductor color</b>	Black & White
<b>Composition of core</b>	2 twisted cores 80 mm one turn, left hand
<b>Filler</b>	Cotton Strand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 10.0 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

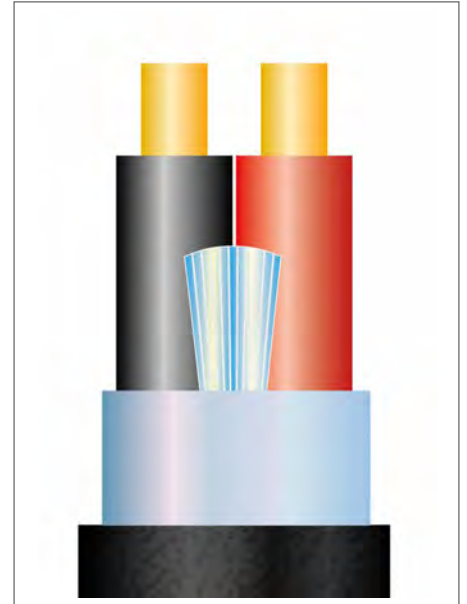
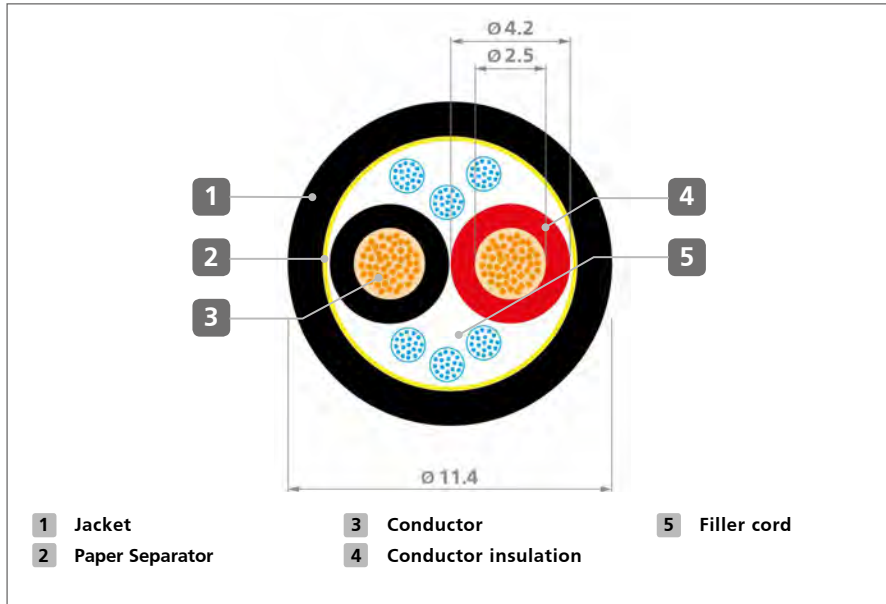
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 5.5 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 200 MΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS240-HP**

High Performance & High Flexible Loudspeaker Cable, O.D. 11.4 mm, 2 x 4.0 mm<sup>2</sup> / AWG 11



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	4.00 mm <sup>2</sup> / AWG 11
<b>Composition of conductor</b>	82 x 0.25 mm / 82 x AWG 30 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 4.2 mm
<b>Conductor color</b>	Red & Black
<b>Filler</b>	Cotton Strand
<b>Composition of core</b>	2 twisted cores 100 mm one turn, left hand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 11.4 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

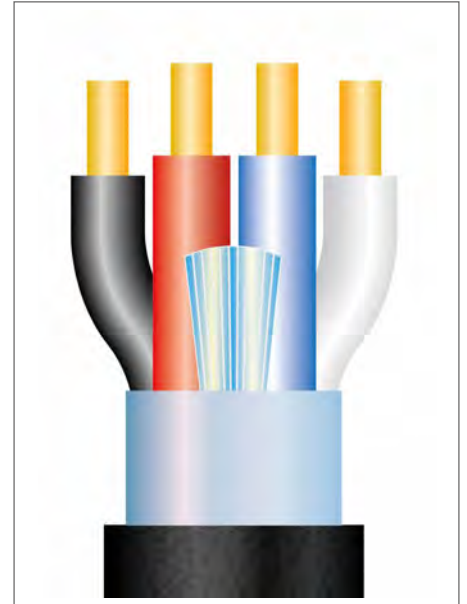
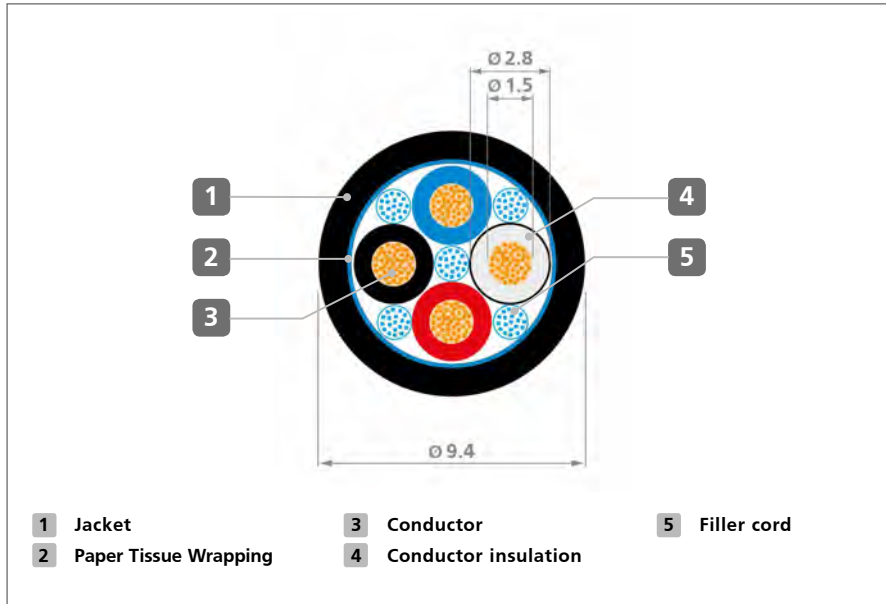
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 4.9 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS415-HP**

**High Performance Loudspeaker Cable, High Flexible, O.D. 9.4 mm, 4 x 1.5 mm<sup>2</sup> / AWG 16**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	1.50 mm <sup>2</sup> / AWG 16
<b>Composition of conductor</b>	48 x 0.20 mm / 48 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 2.8 mm
<b>Conductor color</b>	Red, Black, White, Blue
<b>Composition of core</b>	4 twisted cores 80 mm one turn, left hand
<b>Filler</b>	Cotton Strand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 9.4 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b>	-5 °C to +70 °C
<b>- Fixed</b>	-20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

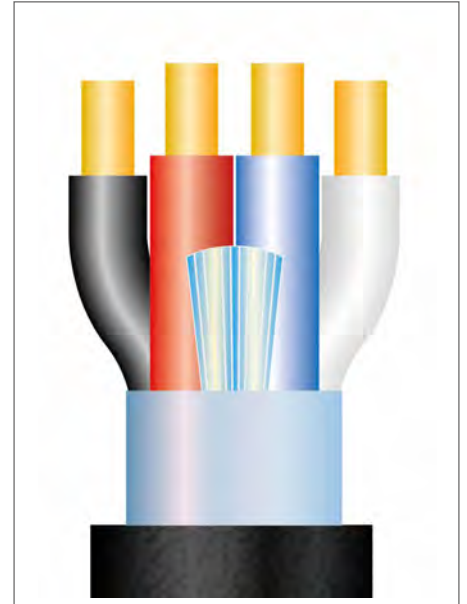
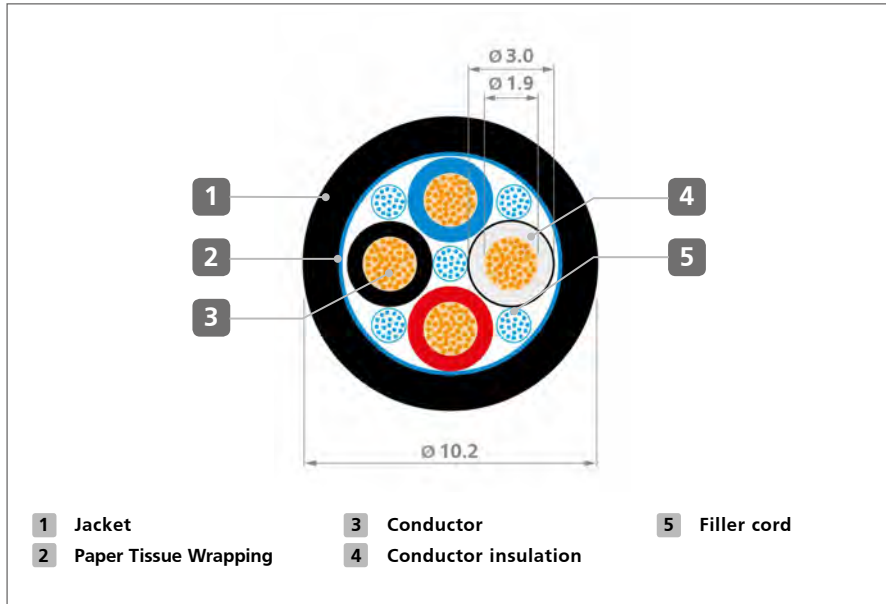
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 12 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 200 MΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 130 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS425-HP**

**High Performance Loudspeaker Cable, O.D. 10.2 mm, 4 x 2.5 mm<sup>2</sup> / AWG 13**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	2.50 mm <sup>2</sup> / AWG 13
<b>Composition of conductor</b>	80 x 0.20 mm / 80 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 3.0 mm
<b>Conductor color</b>	Red, Black, White, Blue
<b>Composition of core</b>	4 twisted cores 100 mm one turn
<b>Filler</b>	Cotton Strand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 10.2 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b>	-5 °C to +70 °C
<b>- Fixed</b>	-20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

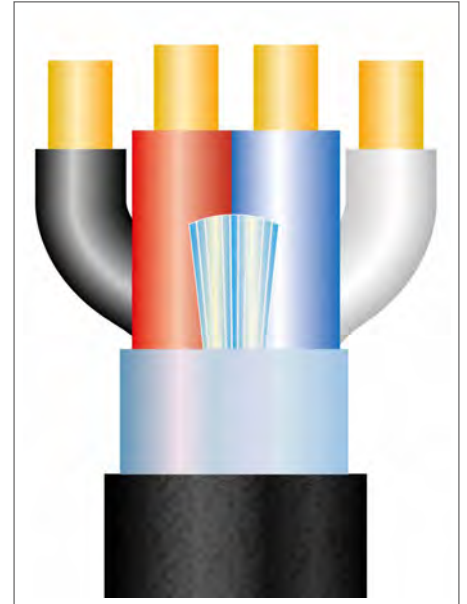
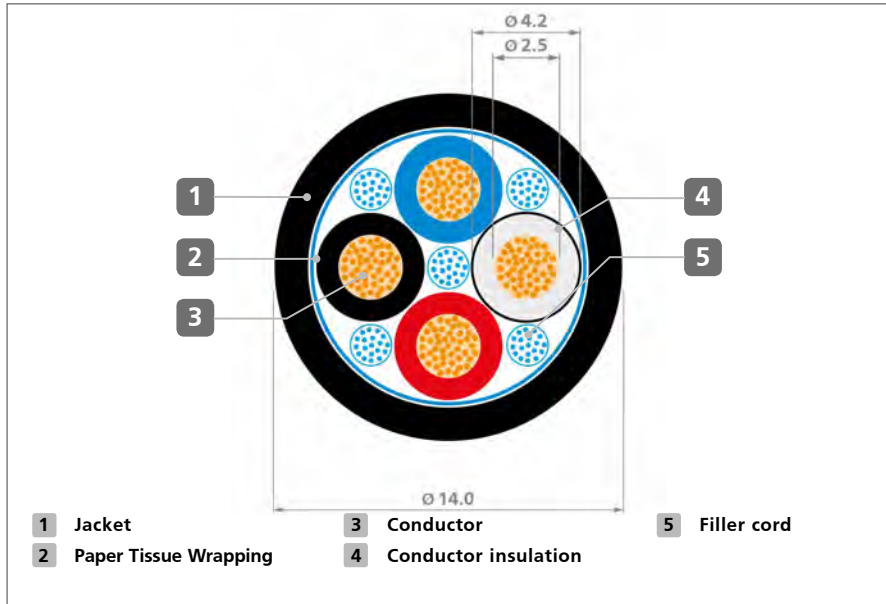
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 7.2 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 200 MΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS440-HP**

**High Performance Loudspeaker Cable, O.D. 14.0 mm, 4 x 4.0 mm<sup>2</sup> / AWG 11**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	4.00 mm <sup>2</sup> / AWG 11
<b>Composition of conductor</b>	82 x 0.25 mm / 82 x AWG 30 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 4.2 mm
<b>Conductor color</b>	Red, Black, White, Blue
<b>Composition of core</b>	4 twisted cores 100 mm one turn
<b>Filler</b>	Cotton Strand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 14.0 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

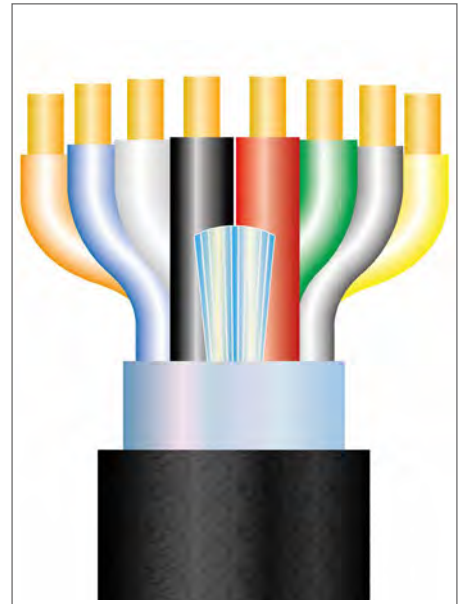
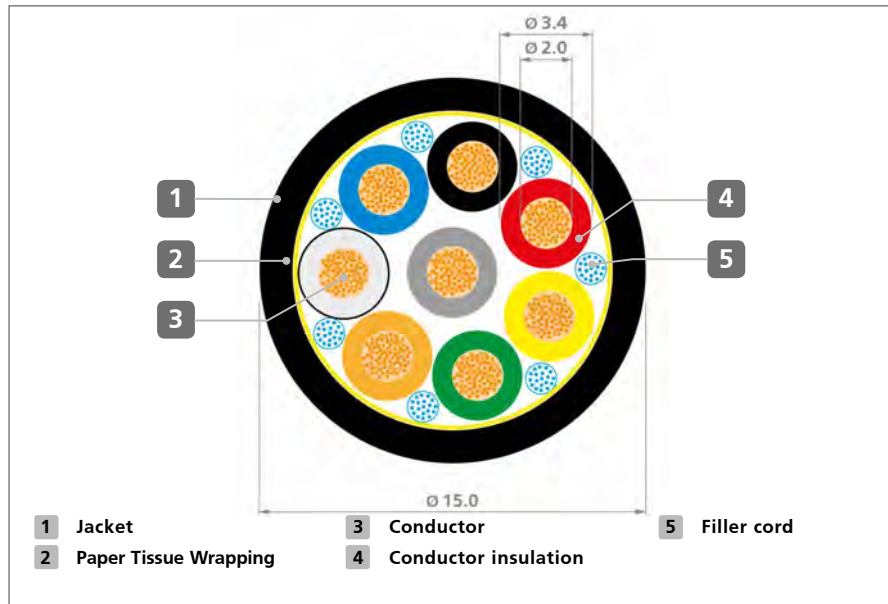
## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 4.9 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 200 MΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute

# Loudspeaker Cable

**YLS825-HP**

High Performance Loudspeaker Cable, O.D. 15.0 mm, 8 x 2.5 mm<sup>2</sup> / AWG 13



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	2.5 mm <sup>2</sup> / AWG 13
<b>Composition of conductor</b>	78 x 0.20 mm / 78 x AWG 32 bare annealed copper, OFC standard
<b>Conductor insulation</b>	PVC Ø 3.4 mm
<b>Conductor color</b>	Red, Black, White, Blue, Yellow, Green, Orange, Grey
<b>Composition of core</b>	8 twisted cores 110 mm one turn
<b>Filler</b>	Cotton Strand
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 15.0 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

<b>Conductor DC resistance</b>	≤ 8.0 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 200 MΩ / km – 20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor</b>	≤ 200 pF / m – 1 KHz
<b>Test voltage: Conductor to Conductor</b>	1.500 V eff – 50 Hz, 1 Minute



## **DMX Data Cable**

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**YDMX115**

**YDMX122-65HP**

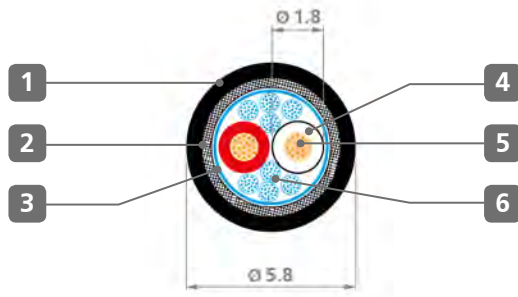
**YDMX122-HP**

**YDMX215**

# DMX Data Cable

## YDMX115

Single pair / one channel Data Cable according DMX512 / AES/EBU standard  
 O.D. 5.8 mm, 0.15 mm<sup>2</sup> / AWG 26



- |                         |                               |                        |
|-------------------------|-------------------------------|------------------------|
| <b>1</b> Jacket         | <b>3</b> AL / PT Foil         | <b>5</b> Conductor     |
| <b>2</b> Braided Shield | <b>4</b> Conductor Insulation | <b>6</b> Cotton Filler |

### MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.15 mm <sup>2</sup> / AWG 26
<b>Composition of conductor</b>	19 x 0.10 mm / 19 x AWG 38 annealed copper, OFC standard
<b>Conductor insulation</b>	PE $\varnothing$ 1.8 mm
<b>Conductor color</b>	Red & White
<b>Filler</b>	Cotton Strand Y
<b>Composition of core</b>	2 twisted conductors 60 mm one, turn +/- 5 mm; left hand
<b>Foil shield</b>	AL - PT Foil, Coverage 100% Conductive side (AL coated) towards braided shield, spiral wound
<b>Braided shield</b>	16 x 4 $\varnothing$ 0.10 mm annealed copper, OFC standard Coverage > 60 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	$\varnothing$ 5.8 mm tolerance: +/- 0.15 mm
<b>Working temperature</b> - Mobile - Fixed	-10 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

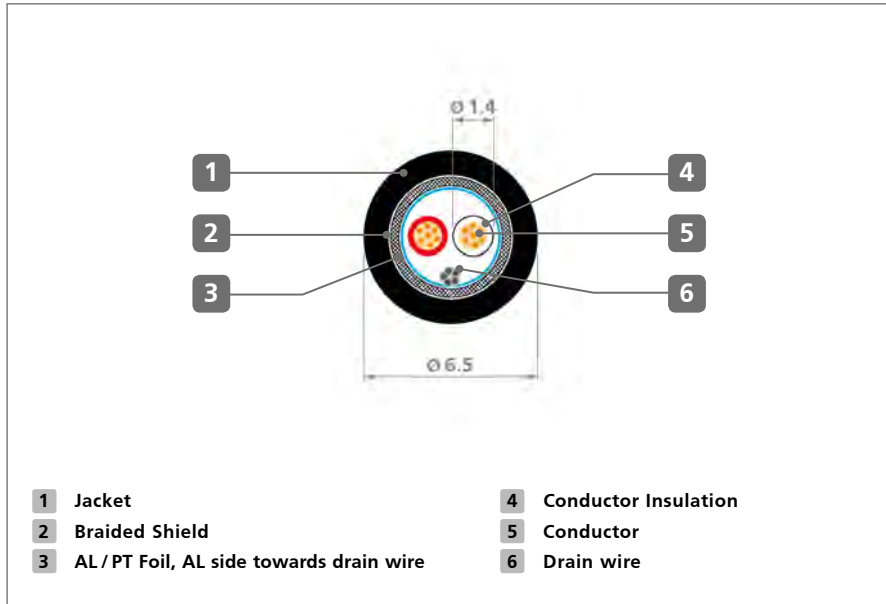
### ELECTRICAL SPECIFICATION

<b>Nominal Characteristic Impedance</b>	120 $\Omega$ - 1 MHz
<b>Nominal Attenuation</b>	2.0 dB / 100 m - 1 MHz
<b>Capacitance 1          Conductor to Conductor</b>	75 pF / m - 1 KHz
<b>Capacitance 2          Conductor to Shield</b>	140 pF / m - 1 KHz
<b>Nominal DC Conductor Resistance</b>	117 m $\Omega$ / m - 20 °C
<b>Insulation resistance</b>	> 1 G $\Omega$ / m - 20 °C, 500 V <sub>DC</sub>
<b>Test voltage:          Conductor / Screen</b>	1.000 VAC - 50 Hz, 1 Minute

# DMX Data Cable

**YDMX122-65HP**

High Performance Data Cable according DMX512 / AES/EBU standard, O.D. 6.5 mm, 0.22 mm<sup>2</sup> / AWG 24



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm / 7 x AWG 32 Annealed bare copper, OFC standard
<b>Conductor insulation</b>	Foamed PE Ø 1.4 mm
<b>Conductor color</b>	Red & White
<b>Drain wire</b>	7 x 0.20 tinned copper OFC standard
<b>Composition of core</b>	2 twisted conductors 40 mm one, turn +/- 5 mm; left hand
<b>Foil shield</b>	AL - PT Foil, Coverage 100% Conductive side (AL coated) towards conductors (inside), spiral wound
<b>Braided shield</b>	16 strains of 4 wires each strain Tinned copper OFC, DM 0.1 mm Coverage ≥ 60 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.5 mm tolerance: +/- 0.15 mm
<b>Working temperature - Mobile</b>	-10 °C to +70 °C
<b>- Fixed</b>	-20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

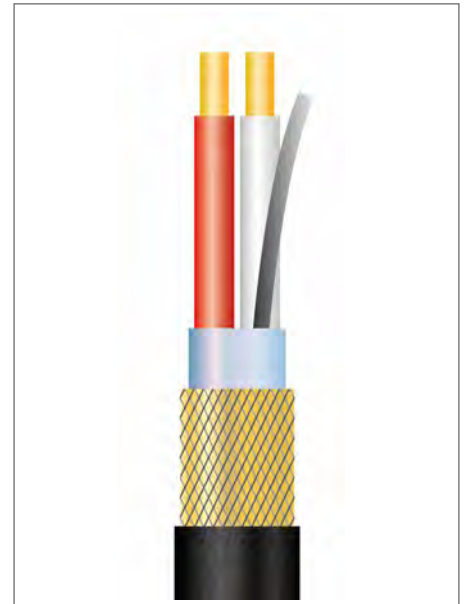
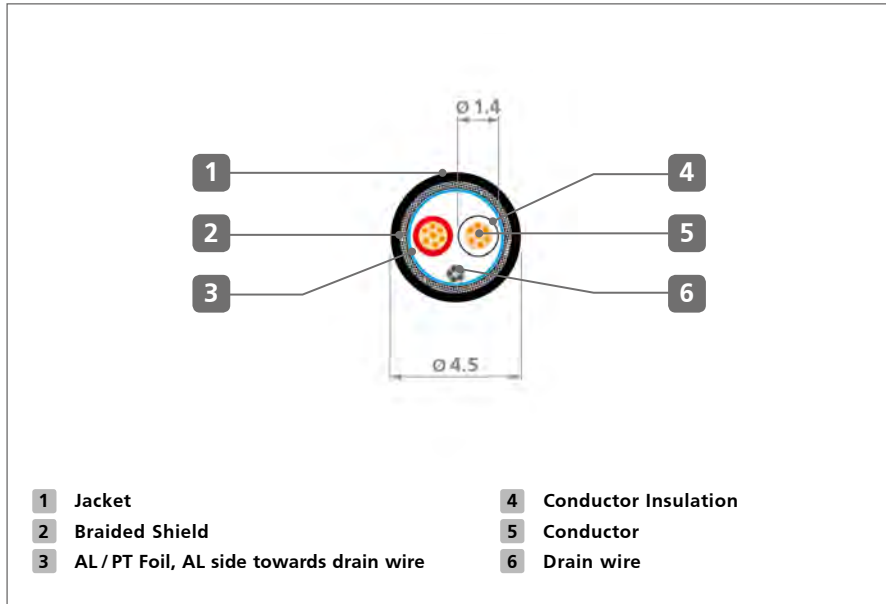
## ELECTRICAL SPECIFICATION

<b>Nominal Characteristic Impedance</b>	120 Ω – 1 MHz
<b>Nominal Attenuation</b>	2.0 dB / 100 m – 1 MHz
<b>Capacitance 1 Conductor to Conductor</b>	55 pF / m – 1 KHz
<b>Capacitance 2 Conductor to Shield</b>	110 pF / m – 1 KHz
<b>Nominal DC Conductor Resistance</b>	80 mΩ / m – 20 °C
<b>Insulation resistance</b>	> 1 GΩ / m – 20 °C, 500 V <sub>DC</sub>
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute

# DMX Data Cable

## YDMX122-HP

High Performance Data Cable according DMX512 / AES/EBU standard, O.D. 4.5 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm / 7 x AWG 32 Annealed bare copper, OFC standard
<b>Conductor insulation</b>	Foamed PE Ø 1.4 mm
<b>Conductor color</b>	Red & White
<b>Drain wire</b>	7 x 0.20 tinned copper OFC standard
<b>Composition of core</b>	2 twisted conductors 40 mm one, turn +/- 5 mm; left hand
<b>Foil shield</b>	AL - PT Foil, Coverage 100% Conductive side (AL coated) towards conductors (inside), spiral wound
<b>Braided shield</b>	16 strains of 4 wires each strain Tinned copper OFC, DM 0.1 mm Coverage ≥ 60 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 4.5 mm tolerance: +/- 0.15 mm
<b>Working temperature - Mobile - Fixed</b>	-10 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

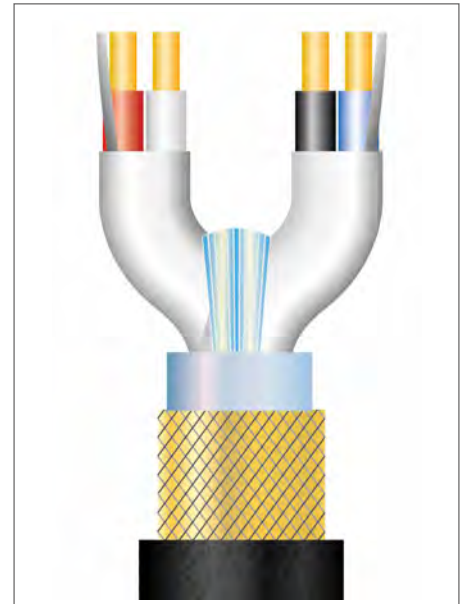
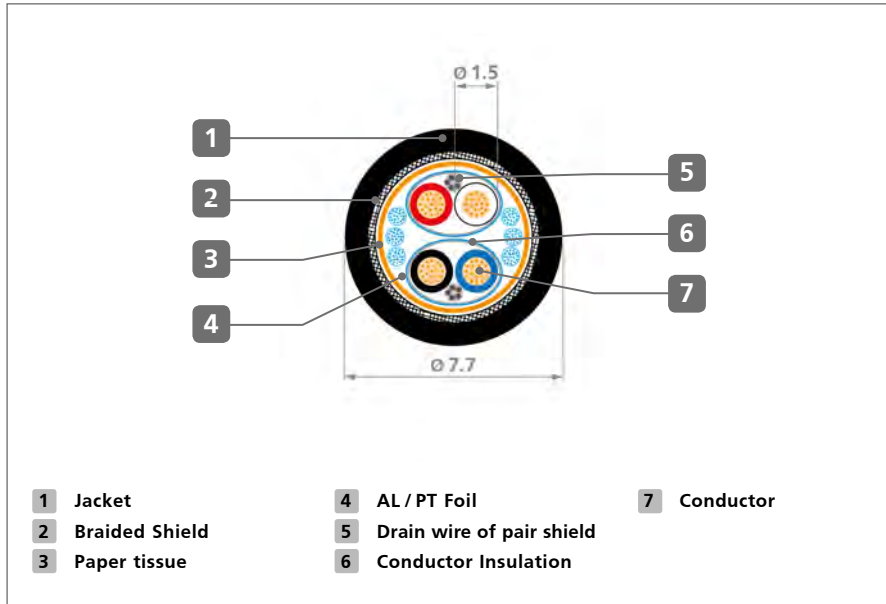
### ELECTRICAL SPECIFICATION

<b>Nominal Characteristic Impedance</b>	120 Ω - 1 MHz
<b>Nominal Attenuation</b>	2.0 dB / 100 m - 1 MHz
<b>Capacitance 1 Conductor to Conductor</b>	55 pF / m - 1 KHz
<b>Capacitance 2 Conductor to Shield</b>	110 pF / m - 1 KHz
<b>Nominal DC Conductor Resistance</b>	80 mΩ / m - 20 °C
<b>Insulation resistance</b>	> 1 GΩ / m - 20 °C, 500 V <sub>DC</sub>
<b>Test voltage: Conductor / Screen</b>	1.000 VAC - 50 Hz, 1 Minute

# DMX Data Cable

## YDMX215

Twin pair / two channel Data Cable according DMX512 / AES/EBU standard, O.D. 7.7 mm, 0.15 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

<b>Conductor area</b>	0.15 mm <sup>2</sup> / AWG 26
<b>Composition of conductor</b>	19 x 0.10 mm / 19 x AWG 38 Annealed copper, OFC standard
<b>Conductor insulation</b>	LD - PE, Type: DOW6005, Ø 1.5 mm
<b>Conductor color</b>	Pair 1: Red & White Pair 2: Black & Blue
<b>Drain wire</b>	5 x 0.20 / 5 x AWG 32 Tinned annealed copper, OFC standard
<b>Composition of core</b>	2 twisted conductors 40 mm one, turn +/- 5 mm; left hand
<b>Foil shield</b>	AL - PT Foil, Coverage 100% Conductive side (AL coated) towards conductor core, spiral wound
<b>Lay Length of core</b>	120 mm one, turn +/- 10 mm, left hand
<b>Paper tissue (Separator)</b>	Paper tape
<b>Braided shield</b>	16 x 4 Ø 0.10 mm annealed copper, OFC standard, Coverage ≥ 60 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 7.7 mm tolerance: +/- 0.15 mm
<b>Working temperature - Mobile - Fixed</b>	-10 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

<b>Nominal Characteristic Impedance</b>	120 Ω - 1 MHz
<b>Nominal Attenuation</b>	2.0 dB / 100 m - 1 MHz
<b>Capacitance 1 Conductor to Conductor</b>	≤ 50 pF / m - 1 KHz
<b>Capacitance 2 Conductor to Shield</b>	≤ 85 pF / m - 1 KHz
<b>Nominal DC Conductor Resistance</b>	≤ 130 mΩ / m - 20 °C
<b>Insulation resistance</b>	> 1 GΩ / m - 20 °C, 500 V <sub>DC</sub>
<b>Test voltage: Conductor / Screen</b>	1.000 VAC - 50 Hz, 1 Minute

## Hybride Cable

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YDMX1-AC15EU

YDMX1-AC16US

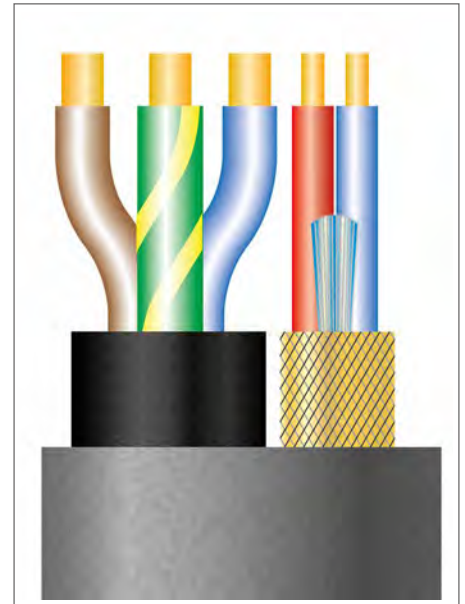
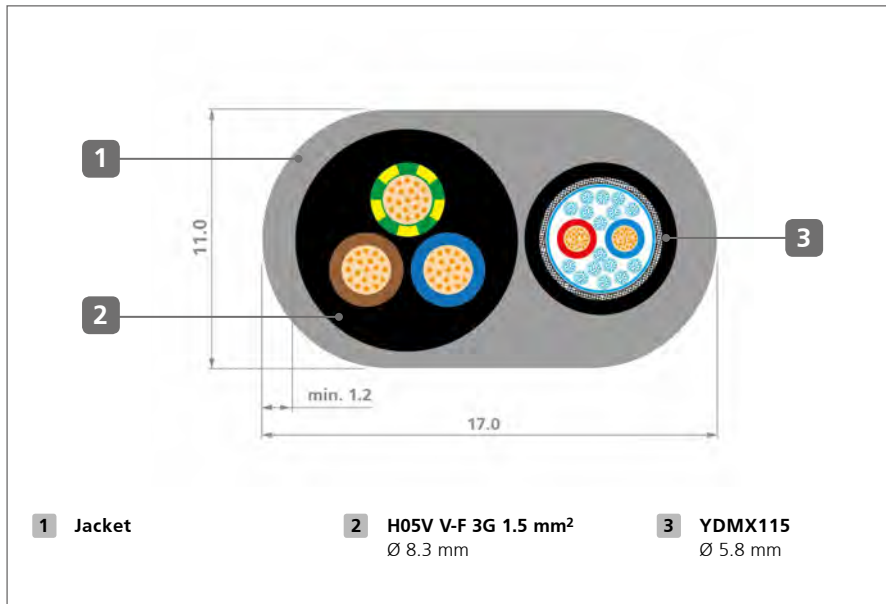
YME-AC15EU

YME-AC16US

# Hybride Cable

## YDMX1-AC15EU

Power Supply Cable, Type EU with DMX Cable Type 1, VDE approved, O.D. 17 x 4 mm



### MECHANICAL SPECIFICATION

<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	17 mm x 11 mm tolerance: +/- 0.3 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

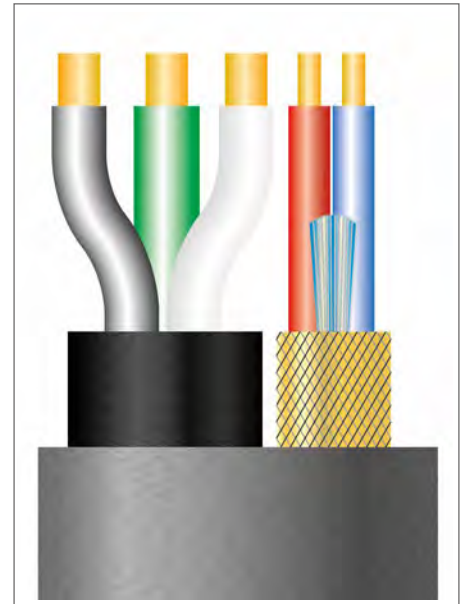
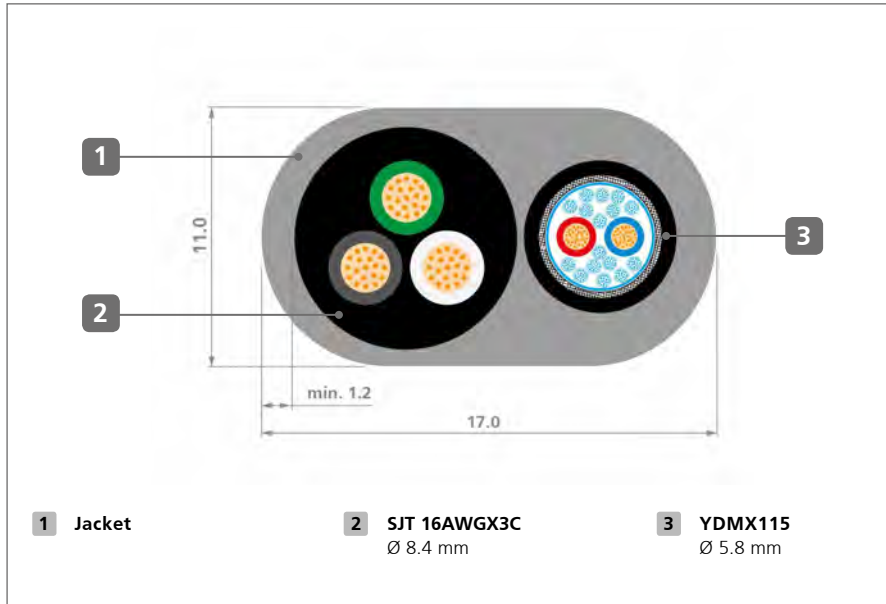
### ELECTRICAL SPECIFICATION

<b>AC Power Cable</b>	According Shangyu Jintao Ltd. Type H05VV-FG1.5mm <sup>2</sup> , VDE
<b>DMX Cable</b>	According Cable Specification YDMX115

# Hybride Cable

## YDMX1-AC16US

Power Supply Cable, Type US with DMX Cable Type 1, UL approved, O.D. 17 x 4 mm



### MECHANICAL SPECIFICATION

<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	17 mm x 11 mm tolerance: +/- 0.3 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

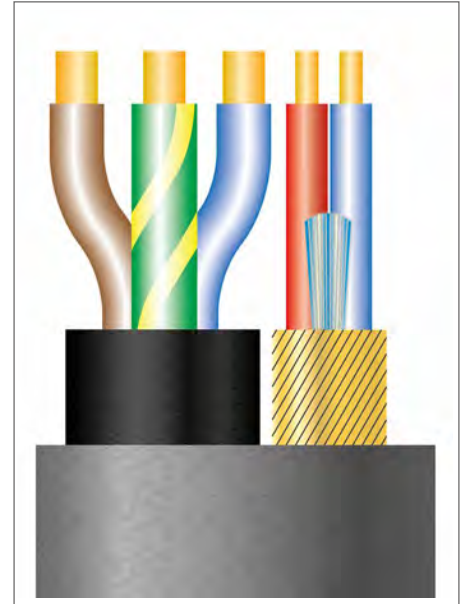
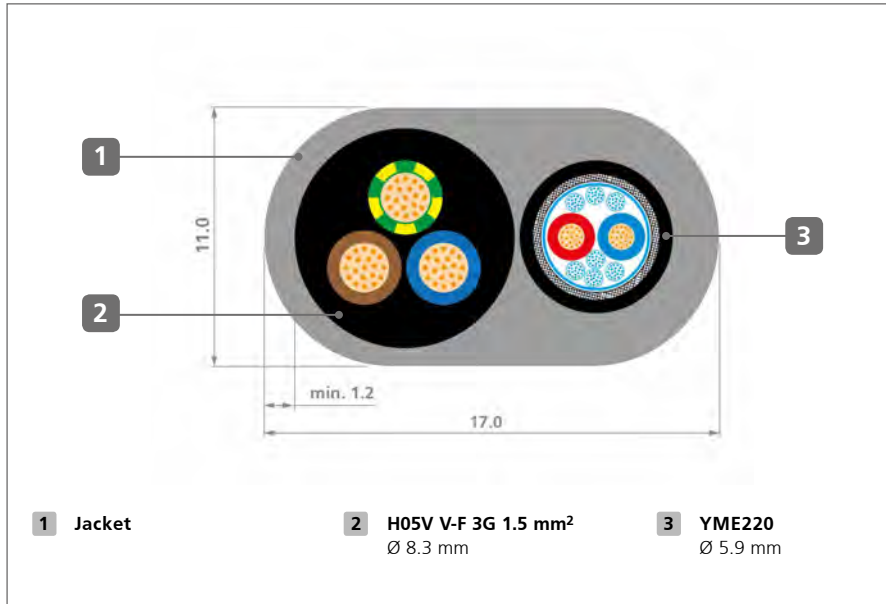
<b>AC Power Cable</b>	According Shangyu Jintao Ltd. Type SJT 16AWG3C, UL
<b>DMX Cable</b>	According Cable Specification YDMX115



# Hybride Cable

## YME-AC15EU

Power Supply and Microphone Cable, Type EU, O.D. 17 x 4 mm



### MECHANICAL SPECIFICATION

<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	17 mm x 11 mm tolerance: +/- 0.3 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

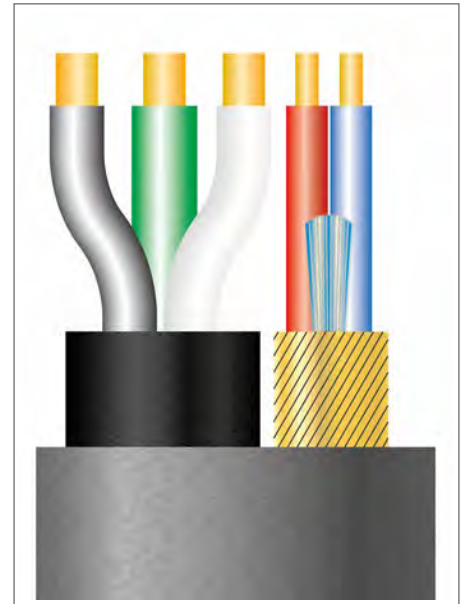
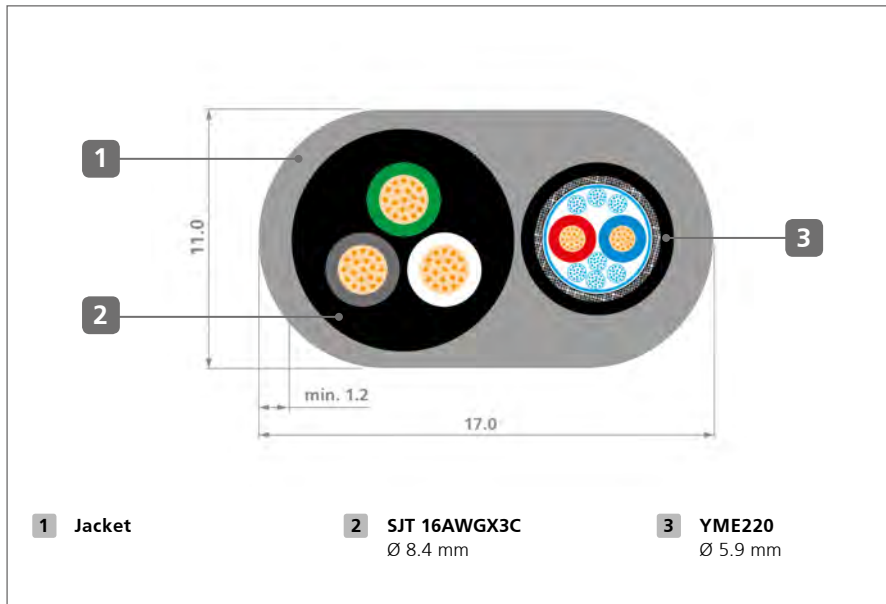
### ELECTRICAL SPECIFICATION

<b>AC Power Cable</b>	According Shangyu Jintao Ltd. Type H05VV-FG1.5mm <sup>2</sup> , VDE
<b>Microphone Cable</b>	According Cable Specification YME220

# Hybride Cable

**YME-AC16US**

Power Supply and Microphone Cable, Type US, O.D. 17 x 4 mm



## MECHANICAL SPECIFICATION

<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	17 mm x 11 mm tolerance: +/- 0.3 mm
<b>Working temperature - Mobile</b> <b>- Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

<b>AC Power Cable</b>	According Shangyu Jintao Ltd. Type SJT 15AWGX3C, UL
<b>Microphone Cable</b>	According Cable Specification YME220

## Multicore Cable

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YMA4

YMA8

YMA12

YMA16

YMA20

YMA24

YMA28

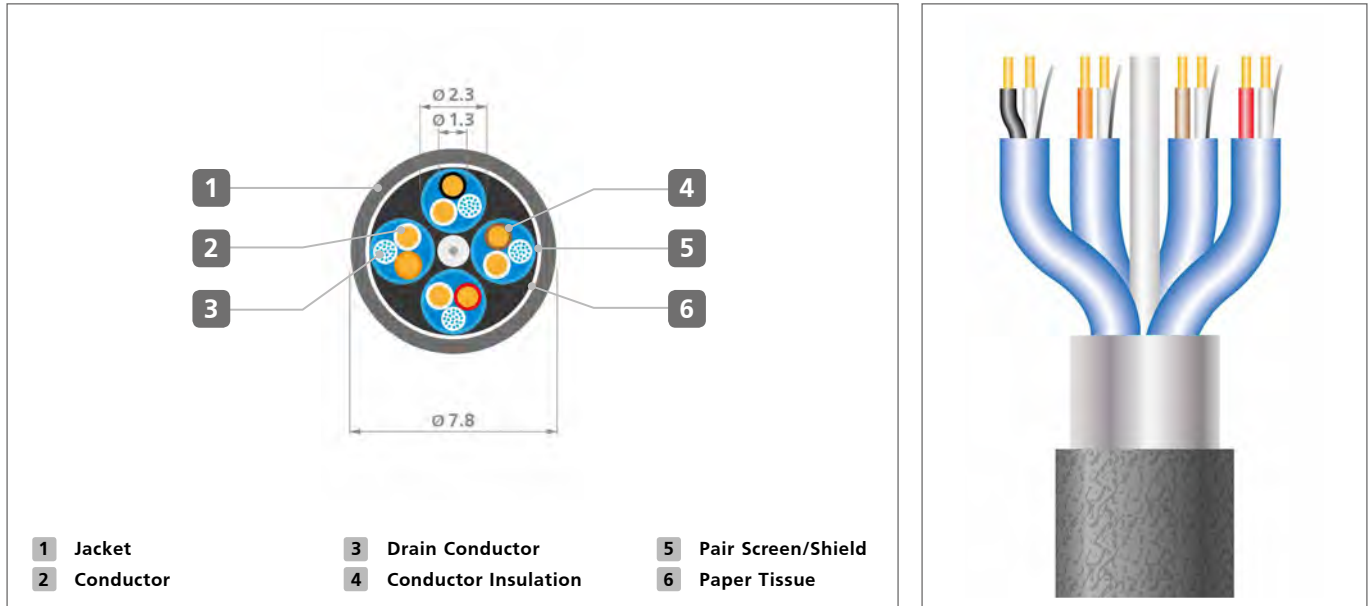
YMA32

YMA40

# Multicore Cable

## YMA 4

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 7.8 mm, 0.22 mm<sup>2</sup> / AWG 24



- 1 Jacket
- 2 Conductor
- 3 Drain Conductor
- 4 Conductor Insulation
- 5 Pair Screen/Shield
- 6 Paper Tissue

### MECHANICAL SPECIFICATION

<b>Composition of cores</b>	4 x 2
<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm / 7 x AWG 32
<b>Conductor insulation</b>	PE Ø 1.3 mm
<b>Diameter pro element</b>	Ø 2.5 mm tolerance: +/- 0.1 mm
<b>Foil</b>	PT - AL + drain conductor
<b>Screen</b>	Pair screen
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 7.8 mm tolerance: +/- 0.4 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

<b>Max. Conductor Resistance</b> (1 km)	79 Ω / km – 20 °C
<b>Insulation resistance</b> (1 km)	20 °C, 500 V <sub>DC</sub>
<b>Capacitance</b> <b>Conductor to Conductor</b> (1 m)	< 72 pF / m – 1 KHz
<b>Capacitance</b> <b>Conductor to Shield</b> (1 m)	< 136 pF / m – 1 KHz
<b>Cross-Talk-Attenuation</b>	100 dB – 10 KHz (100 m)
<b>Test voltage:</b> <b>Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute

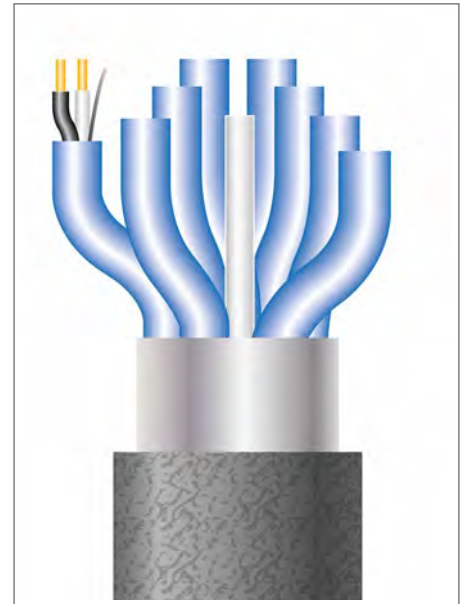
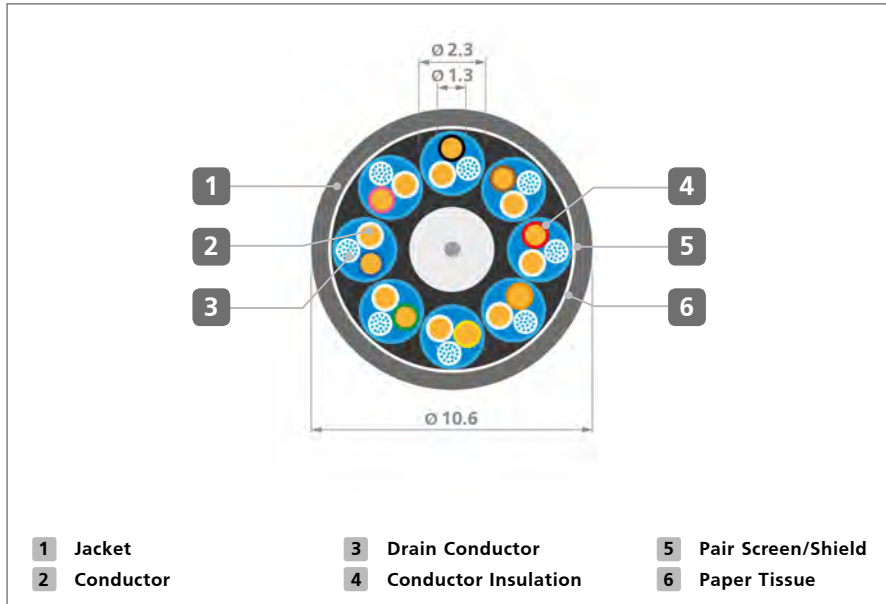
### Color Code

Pair No.	Wire 1	Wire 2
1	white	black
2	white	brown
3	white	red
4	white	orange

# Multicore Cable

**YMA 8**

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 10.6 mm, 0.22 mm<sup>2</sup> / AWG 24



## MECHANICAL SPECIFICATION

<b>Composition of cores</b>	8 x 2
<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm / 7 x AWG 32
<b>Conductor insulation</b>	PE Ø 1.3 mm
<b>Diameter pro element</b>	Ø 2.5 mm tolerance: +/- 0.1 mm
<b>Foil</b>	PT - AL + drain conductor
<b>Screen</b>	Pair screen
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 10.6 mm tolerance: +/- 0.4 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

<b>Max. Conductor Resistance</b> (1 km)	79 Ω / km – 20 °C
<b>Insulation resistance</b> (1 km)	20 °C, 500 V <sub>DC</sub>
<b>Capacitance</b> <b>Conductor to Conductor</b> (1 m)	< 72 pF / m – 1 KHz
<b>Capacitance</b> <b>Conductor to Shield</b> (1 m)	< 136 pF / m – 1 KHz
<b>Cross-Talk-Attenuation</b>	100 dB – 10 KHz (100 m)
<b>Test voltage:</b> <b>Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute

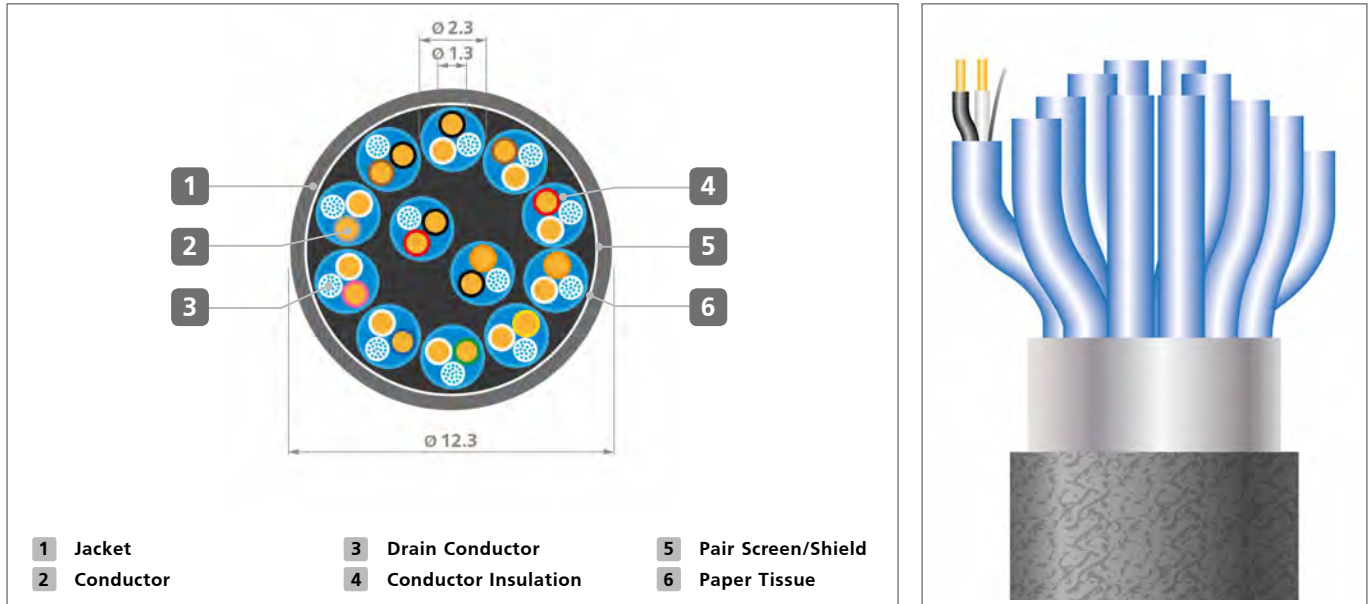
## Color Code

Pair No.	Wire 1	Wire 2
1	white	black
2	white	brown
3	white	red
4	white	orange
5	white	yellow
6	white	green
7	white	blue
8	white	pink

# Multicore Cable

## YMA 12

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 12.3 mm, 0.22 mm<sup>2</sup> / AWG 24



- 1 Jacket
- 2 Conductor
- 3 Drain Conductor
- 4 Conductor Insulation
- 5 Pair Screen/Shield
- 6 Paper Tissue

### MECHANICAL SPECIFICATION

Composition of cores	12 x 2
Conductor area	0.22 mm <sup>2</sup> / AWG 24
Composition of conductor	7 x 0.20 mm / 7 x AWG 32
Conductor insulation	PE Ø 1.3 mm
Diameter pro element	Ø 2.5 mm tolerance: +/- 0.1 mm
Foil	PT - AL + drain conductor
Screen	Pair screen
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Jacket colour	Black (other colours on request)
Overall diameter	Ø 12.3 mm tolerance: +/- 0.4 mm
Working temperature - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

Max. Conductor Resistance (1 km)	79 Ω / km – 20 °C
Insulation resistance (1 km)	20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor (1 m)	< 72 pF / m – 1 KHz
Capacitance Conductor to Shield (1 m)	< 136 pF / m – 1 KHz
Cross-Talk-Attenuation	100 dB – 10 KHz (100 m)
Test voltage: Conductor to Conductor	500 V eff – 50 Hz, 1 Minute

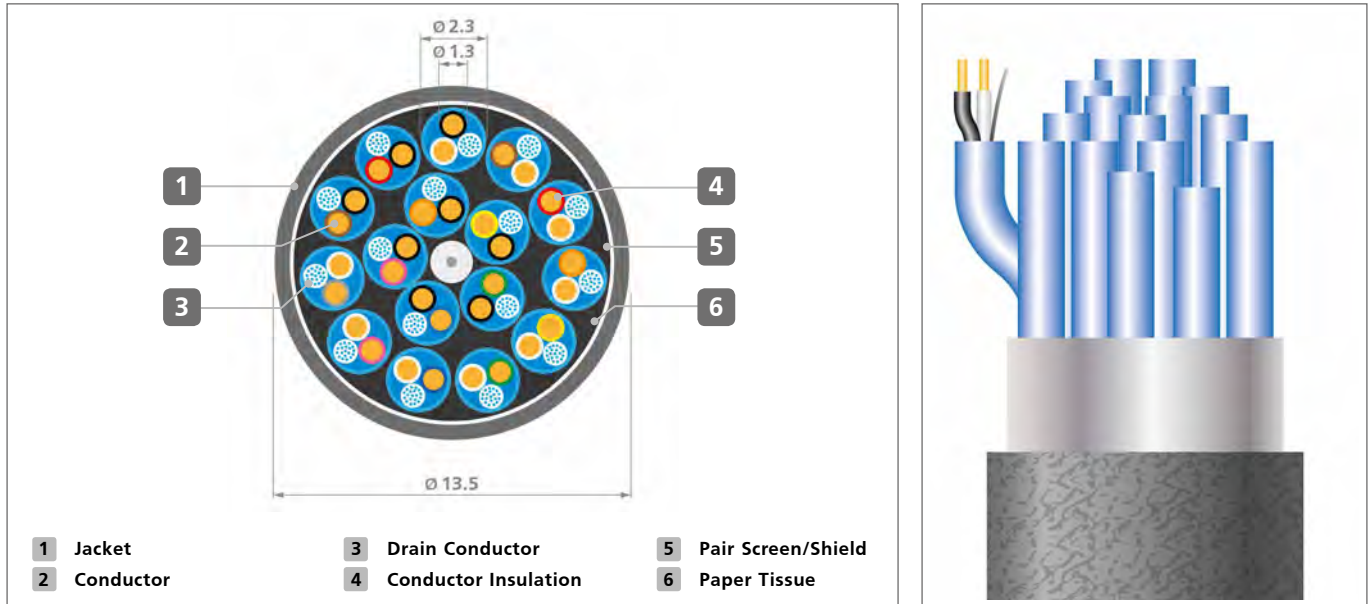
### Color Code

Pair No.	Wire 1	Wire 2
1	white	black
2	white	brown
3	white	red
4	white	orange
5	white	yellow
6	white	green
7	white	blue
8	white	pink
9	white	grey
10	black	brown
11	black	red
12	black	orange

# Multicore Cable

## YMA 16

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 13.5 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

<b>Composition of cores</b>	16 x 2
<b>Conductor area</b>	0.22 mm <sup>2</sup> / AWG 24
<b>Composition of conductor</b>	7 x 0.20 mm / 7 x AWG 32
<b>Conductor insulation</b>	PE Ø 1.3 mm
<b>Diameter pro element</b>	Ø 2.5 mm tolerance: +/- 0.1 mm
<b>Foil</b>	PT - AL + drain conductor
<b>Screen</b>	Pair screen
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 13.5 mm tolerance: +/- 0.5 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

<b>Max. Conductor Resistance (1 km)</b>	79 Ω / km – 20 °C
<b>Insulation resistance (1 km)</b>	20 °C, 500 V <sub>DC</sub>
<b>Capacitance Conductor to Conductor (1 m)</b>	< 72 pF / m – 1 KHz
<b>Capacitance Conductor to Shield (1 m)</b>	< 136 pF / m – 1 KHz
<b>Cross-Talk-Attenuation (100 m)</b>	100 dB – 10 KHz
<b>Test voltage: Conductor to Conductor</b>	500 V eff – 50 Hz, 1 Minute

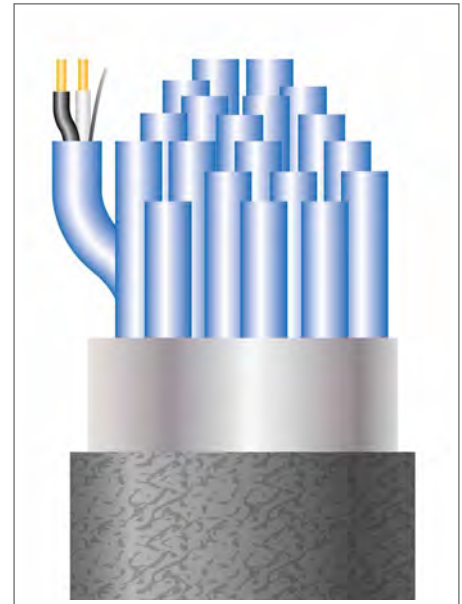
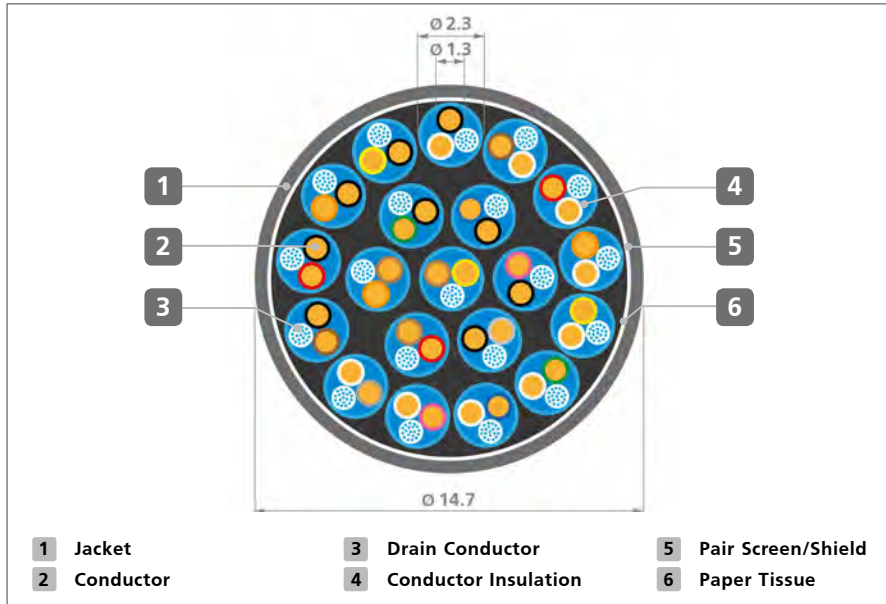
### Color Code

Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2
1	white	black	10	black	brown
2	white	brown	11	black	red
3	white	red	12	black	orange
4	white	orange	13	black	yellow
5	white	yellow	14	black	green
6	white	green			
7	white	blue	15	black	blue
8	white	pink	16	black	pink
9	white	grey			

# Multicore Cable

## YMA 20

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 14.7 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

Composition of cores	20 x 2
Conductor area	0.22 mm <sup>2</sup> / AWG 24
Composition of conductor	7 x 0.20 mm / 7 x AWG 32
Conductor insulation	PE Ø 1.3 mm
Diameter pro element	Ø 2.5 mm tolerance: +/- 0.1 mm
Foil	PT - AL + drain conductor
Screen	Pair screen
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Jacket colour	Black (other colours on request)
Overall diameter	Ø 14.7 mm tolerance: +/- 0.5 mm
Working temperature - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

Max. Conductor Resistance (1 km)	79 Ω / km – 20 °C
Insulation resistance (1 km)	20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor (1 m)	< 72 pF / m – 1 KHz
Capacitance Conductor to Shield (1 m)	< 136 pF / m – 1 KHz
Cross-Talk-Attenuation	100 dB – 10 KHz (100 m)
Test voltage: Conductor to Conductor	500 V eff – 50 Hz, 1 Minute

### Color Code

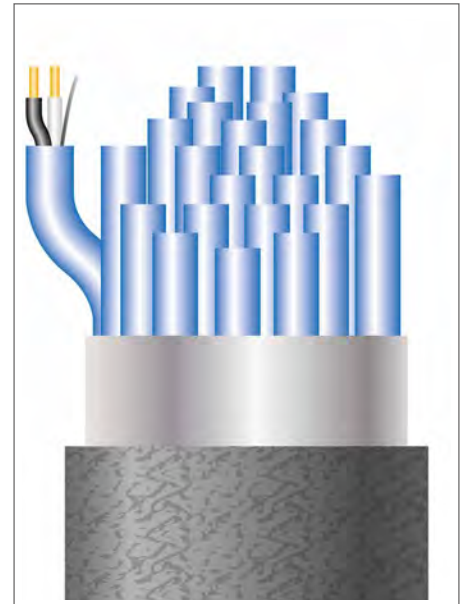
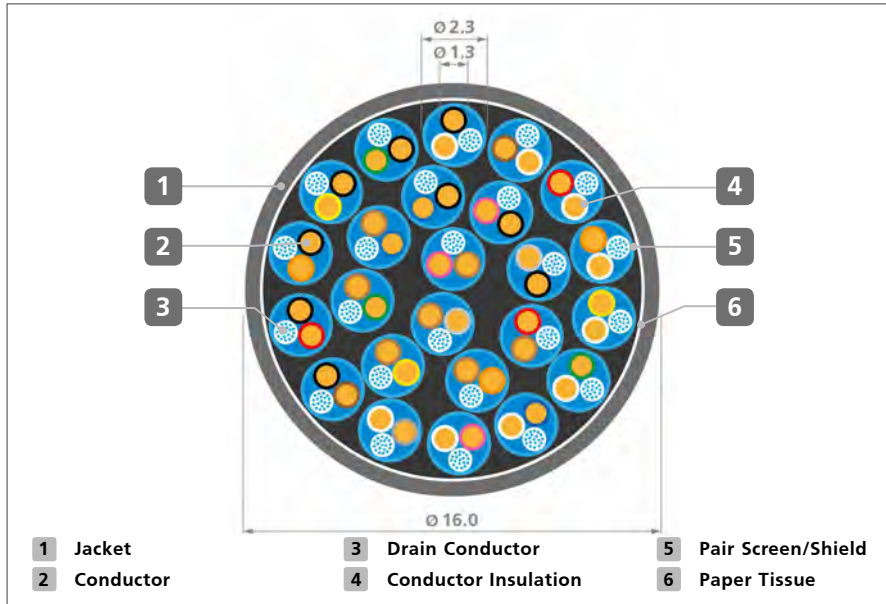
Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2
1	white	black	9	white	grey	17	black	grey
2	white	brown	10	black	brown	18	brown	red
3	white	red	11	black	red	19	brown	orange
4	white	orange	12	black	orange	20	brown	yellow
5	white	yellow	13	black	yellow			
6	white	green	14	black	green			
7	white	blue	15	black	blue			
8	white	pink	16	black	pink			



# Multicore Cable

## YMA 24

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 16.0 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

Composition of cores	24 x 2
Conductor area	0.22 mm <sup>2</sup> / AWG 24
Composition of conductor	7 x 0.20 mm / 7 x AWG 32
Conductor insulation	PE Ø 1.3 mm
Diameter pro element	Ø 2.5 mm tolerance: +/- 0.1 mm
Foil	PT - AL + drain conductor
Screen	Pair screen
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Jacket colour	Black (other colours on request)
Overall diameter	Ø 16.0 mm tolerance: +/- 0.5 mm
Working temperature - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

Max. Conductor Resistance (1 km)	79 Ω / km – 20 °C
Insulation resistance (1 km)	20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor (1 m)	< 72 pF / m – 1 KHz
Capacitance Conductor to Shield (1 m)	< 136 pF / m – 1 KHz
Cross-Talk-Attenuation	100 dB – 10 KHz (100 m)
Test voltage: Conductor to Conductor	500 V eff – 50 Hz, 1 Minute

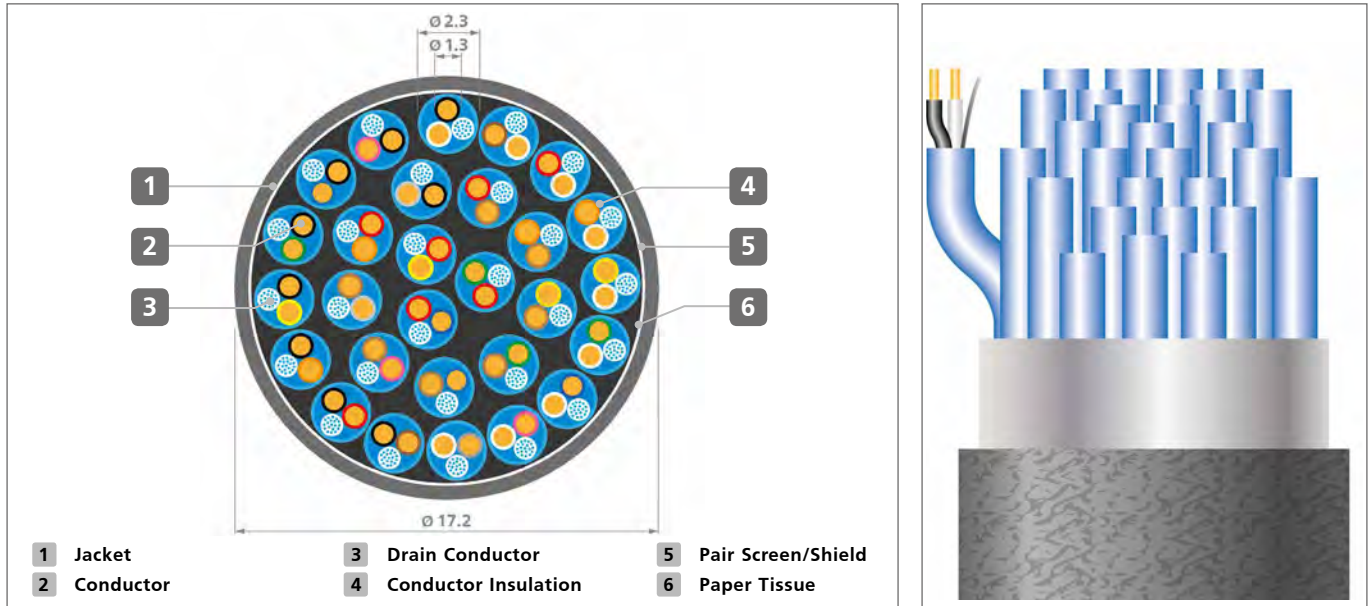
### Color Code

Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2
1	white	black	11	black	red	21	brown	green
2	white	brown	12	black	orange	22	brown	blue
3	white	red	13	black	yellow	23	brown	pink
4	white	orange	14	black	green	24	brown	grey
5	white	yellow	15	black	blue			
6	white	green	16	black	pink			
7	white	blue	17	black	grey			
8	white	pink	18	brown	red			
9	white	grey	19	brown	orange			
10	black	brown	20	brown	yellow			

# Multicore Cable

**YMA 28**

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 17.2 mm, 0.22 mm<sup>2</sup> / AWG 24



## MECHANICAL SPECIFICATION

Composition of cores	28 x 2
Conductor area	0.22 mm <sup>2</sup> / AWG 24
Composition of conductor	7 x 0.20 mm / 7 x AWG 32
Conductor insulation	PE Ø 1.3 mm
Diameter pro element	Ø 2.5 mm tolerance: +/- 0.1 mm
Foil	PT - AL + drain conductor
Screen	Pair screen
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Jacket colour	Black (other colours on request)
Overall diameter	Ø 17.2 mm tolerance: +/- 0.6 mm
Working temperature - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

Max. Conductor Resistance (1 km)	79 Ω / km – 20 °C
Insulation resistance (1 km)	20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor (1 m)	< 72 pF / m – 1 KHz
Capacitance Conductor to Shield (1 m)	< 136 pF / m – 1 KHz
Cross-Talk-Attenuation	100 dB – 10 KHz (100 m)
Test voltage: Conductor to Conductor	500 V eff – 50 Hz, 1 Minute

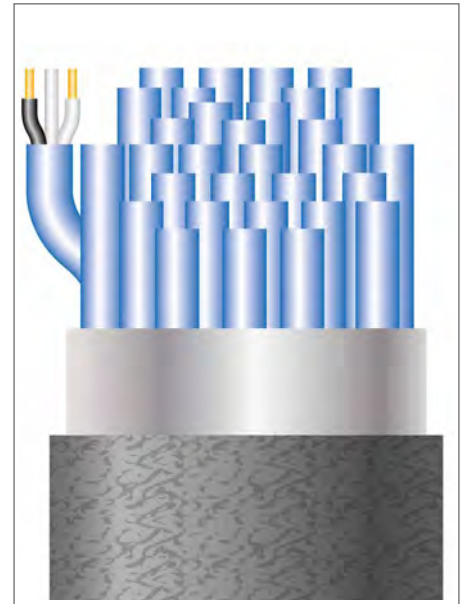
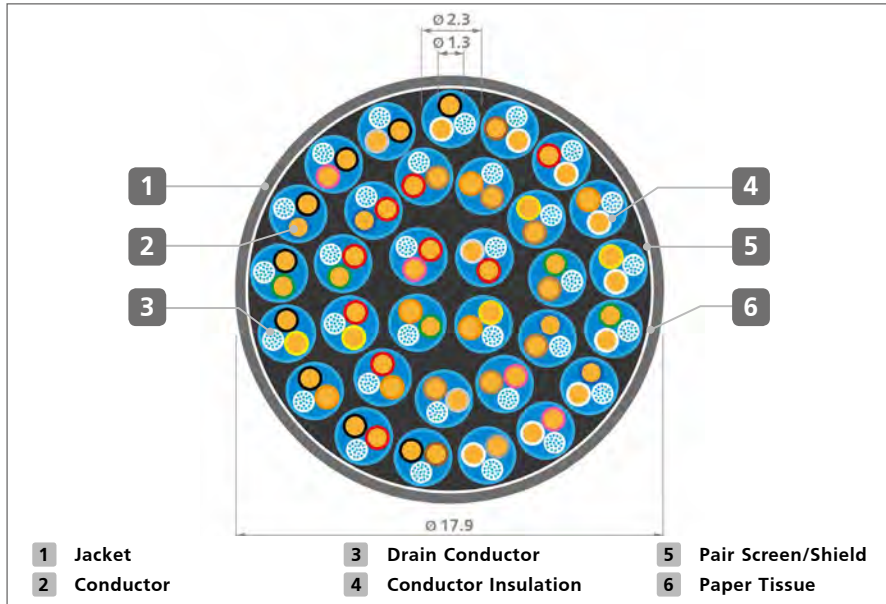
## Color Code

Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2
1	white	black	11	black	red	21	brown	green
2	white	brown	12	black	orange	22	brown	blue
3	white	red	13	black	yellow	23	brown	pink
4	white	orange	14	black	green	24	brown	grey
5	white	yellow	15	black	blue	25	red	orange
6	white	green	16	black	pink	26	red	yellow
7	white	blue	17	black	grey	27	red	green
8	white	pink	18	brown	red	28	red	blue
9	white	grey	19	brown	orange			
10	black	brown	20	brown	yellow			

# Multicore Cable

## YMA 32

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 17.9 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

Composition of cores	32 x 2
Conductor area	0.22 mm <sup>2</sup> / AWG 24
Composition of conductor	7 x 0.20 mm / 7 x AWG 32
Conductor insulation	PE Ø 1.3 mm
Diameter pro element	Ø 2.5 mm tolerance: +/- 0.1 mm
Foil	PT - AL + drain conductor
Screen	Pair screen
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Jacket colour	Black (other colours on request)
Overall diameter	Ø 17.9 mm tolerance: +/- 0.6 mm
Working temperature - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

Max. Conductor Resistance (1 km)	79 Ω / km – 20 °C
Insulation resistance (1 km)	20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor (1 m)	< 72 pF / m – 1 KHz
Capacitance Conductor to Shield (1 m)	< 136 pF / m – 1 KHz
Cross-Talk-Attenuation	100 dB – 10 KHz (100 m)
Test voltage: Conductor to Conductor	500 V eff – 50 Hz, 1 Minute

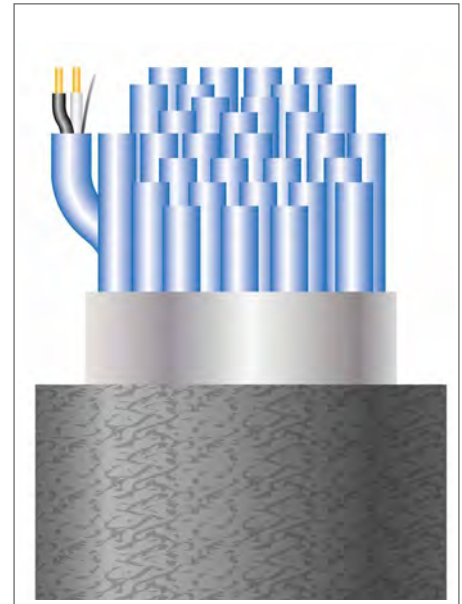
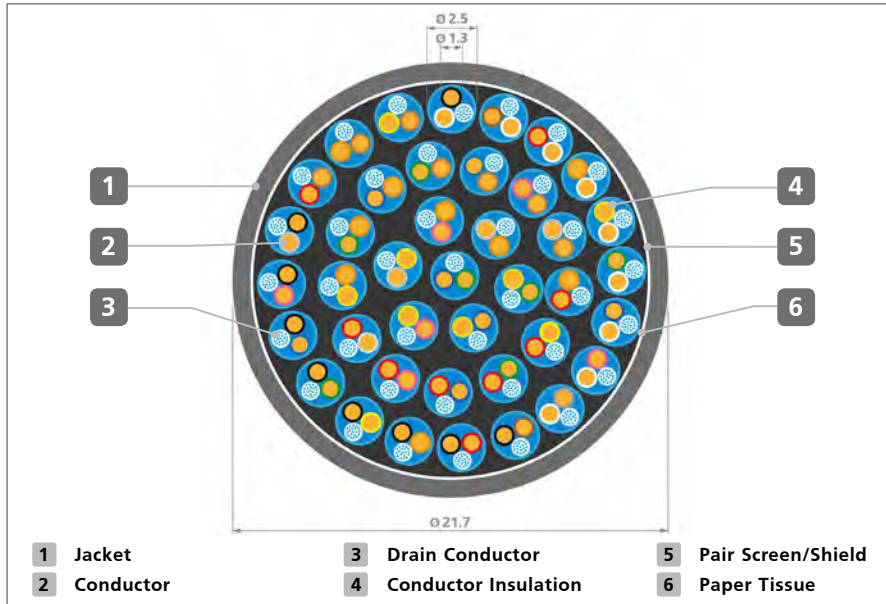
### Color Code

Pair No.	Wire 1	Wire 2	Wire 1	Wire 2	Wire 1	Wire 2		
1	white	black	15	black	blue	29	red	pink
2	white	brown	16	black	pink	30	red	grey
3	white	red	17	black	grey	31	orange	yellow
4	white	orange	18	brown	red	32	orange	green
5	white	yellow	19	brown	orange			
6	white	green	20	brown	yellow			
7	white	blue	21	brown	green			
8	white	pink	22	brown	blue			
9	white	grey	23	brown	pink			
10	black	brown	24	brown	grey			
11	black	red	25	red	orange			
12	black	orange	26	red	yellow			
13	black	yellow	27	red	green			
14	black	green	28	red	blue			

# Multicore Cable

## YMA 40

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil  
 O.D. 21.7 mm, 0.22 mm<sup>2</sup> / AWG 24



### MECHANICAL SPECIFICATION

Composition of cores	40 x 2
Conductor area	0.22 mm <sup>2</sup> / AWG 24
Composition of conductor	7 x 0.20 mm / 7 x AWG 32
Conductor insulation	PE Ø 1.3 mm
Diameter pro element	Ø 2.5 mm tolerance: +/- 0.1 mm
Foil	PT - AL + drain conductor
Screen	Pair screen
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained
Jacket colour	Black (other colours on request)
Overall diameter	Ø 21.7 mm tolerance: +/- 0.5 mm
Working temperature - Mobile - Fixed	-5 °C to +70 °C -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

### ELECTRICAL SPECIFICATION

Max. Conductor Resistance (1 km)	79 Ω / km – 20 °C
Insulation resistance (1 km)	20 °C, 500 V <sub>DC</sub>
Capacitance Conductor to Conductor (1 m)	< 72 pF / m – 1 KHz
Capacitance Conductor to Shield (1 m)	< 136 pF / m – 1 KHz
Cross-Talk-Attenuation	100 dB – 10 KHz (100 m)
Test voltage: Conductor to Conductor	500 V eff – 50 Hz, 1 Minute

### Color Code

Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2
1	white	black	15	black	blue	29	red	pink
2	white	brown	16	black	pink	30	red	grey
3	white	red	17	black	grey	31	orange	yellow
4	white	orange	18	brown	red	32	orange	green
5	white	yellow	19	brown	orange	33	orange	blue
6	white	green	20	brown	yellow	34	orange	pink
7	white	blue	21	brown	green	35	orange	grey
8	white	pink	22	brown	blue	36	yellow	green
9	white	grey	23	brown	pink	37	yellow	blue
10	black	brown	24	brown	grey	38	yellow	pink
11	black	red	25	red	orange	39	yellow	grey
12	black	orange	26	red	yellow	40	yellow	blue
13	black	yellow	27	red	green			
14	black	green	28	red	blue			

**Video Cable**

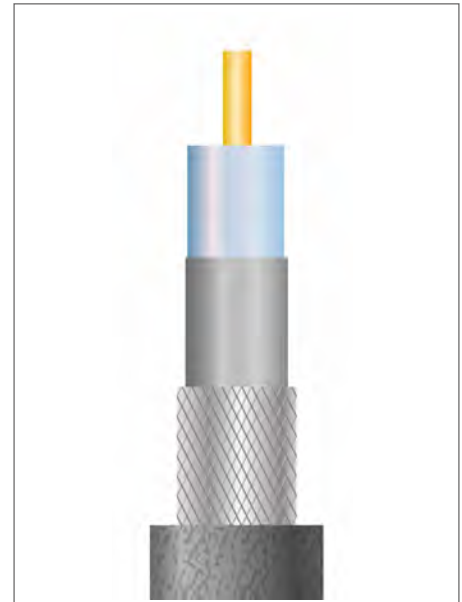
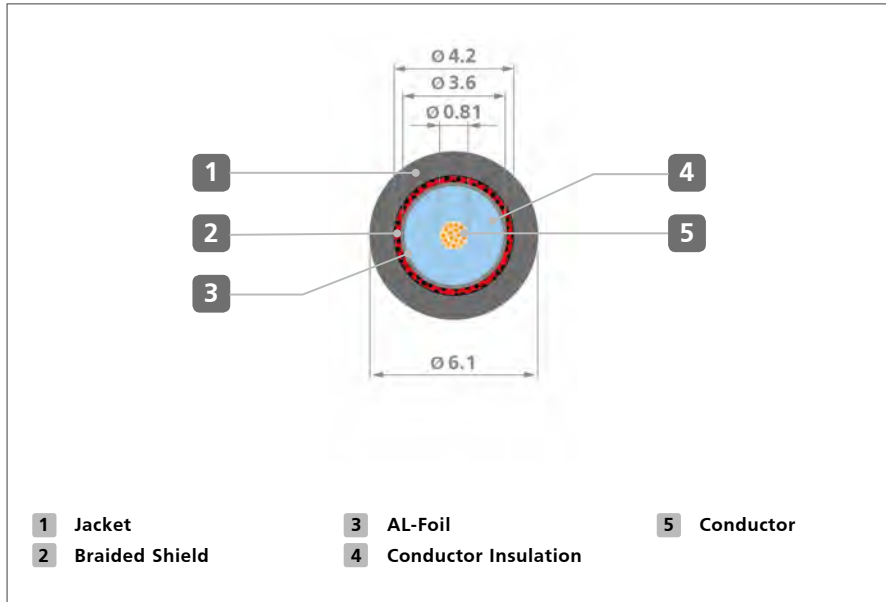
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**YRG59**

# Video Cable

**YRG59**

**Video Cable, RG-59, AL-Foil, Braided Shield, O.D. 6.1 mm, 0.81 mm<sup>2</sup> / AWG 20**



## MECHANICAL SPECIFICATION

<b>Conductor area</b>	Ø 0.81 mm, 0.52 mm <sup>2</sup> / AWG 20 solid copper
<b>Conductor insulation</b>	Foamed PE Ø 3.6 mm
<b>Shield</b>	Bonded AL-Foil: 14 x 0.06 mm Conductive side towards braided shield
<b>Braiding</b>	16 x 9 Ø 0.12 mm, TC Coverage ≥ 95 %
<b>Overall jacket material</b>	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained Hardness: 65 Shore-A
<b>Jacket colour</b>	Black (other colours on request)
<b>Overall diameter</b>	Ø 6.1 mm tolerance: +/- 0.2 mm
<b>Working temperature - Mobile - Fixed</b>	-5 °C to +70 °C -20 °C to +70 °C
<b>Cable Printing</b>	- Standard cable print - Customer cable print on request

## ELECTRICAL SPECIFICATION

<b>Charakteristic Impedance</b>	75 Ω – 20 °C
<b>Capacitance Conductor / Screen</b>	≤ 54 pF / m – 20 °C
<b>Velocity of Propagation</b>	80 % – 20 °C
<b>Return Loss</b>	≥ 25 dB – 5 - 6.000 MHz
<b>Test voltage: Conductor / Screen</b>	1.000 VAC – 50 Hz, 1 Minute



Este trabajo forma parte de un proyecto de investigación financiado por el Ministerio de Ciencia e Innovación y el Ministerio de Educación, Formación Profesional y Vocación. Queda totalmente prohibida la explotación económica o la explotación de los contenidos materiales de esta obra sin la autorización expresa y por escrito de SUT LUMINOSA, S.L.





007-101-1  
Microphone cable XLR 3 PIN FEMALE-XLR 3PIN MALE  
1 meter

Cabling Ltd

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FactorFLEX cables offers the standard in pro audio and bulk cables for professional users. FactorFLEX cables provides reliable connections using REAN connectors, while ensuring the most accurate signal combined with ease and installation convenience for frequent use. Other cables available by FactorFLEX: Microphone cables, audio cables, data cables and bulk cables.

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