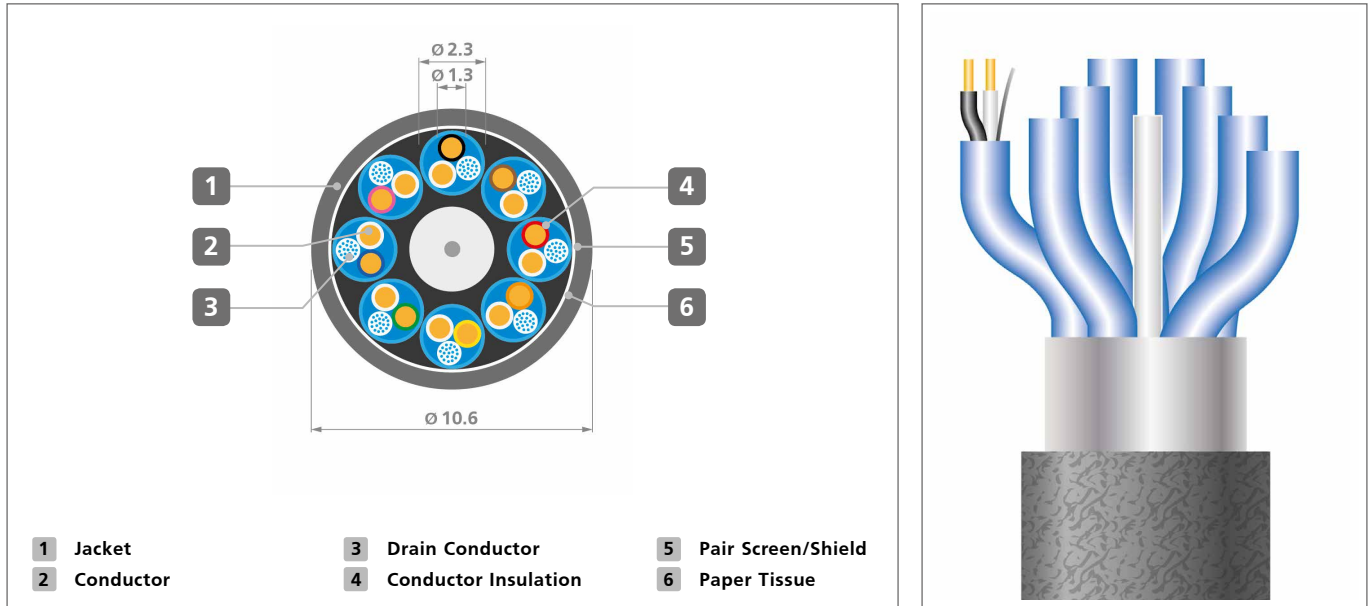


Multicore Cable

YMA 8

Multicore Cable with twin twisted caore, Single pair with Standard AL-Plastic compound foil
 O.D. 10.6 mm, 0.22 mm² / AWG 24



MECHANICAL SPECIFICATION

Composition of cores	8 x 2
Conductor area	0.22 mm ² / 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 10.6 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 _{DC}
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