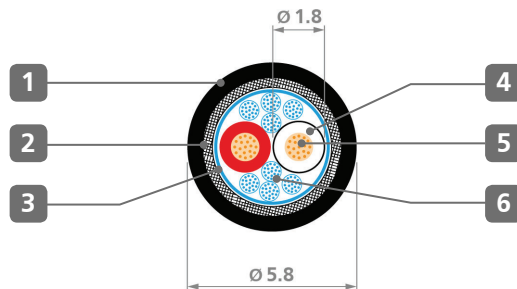


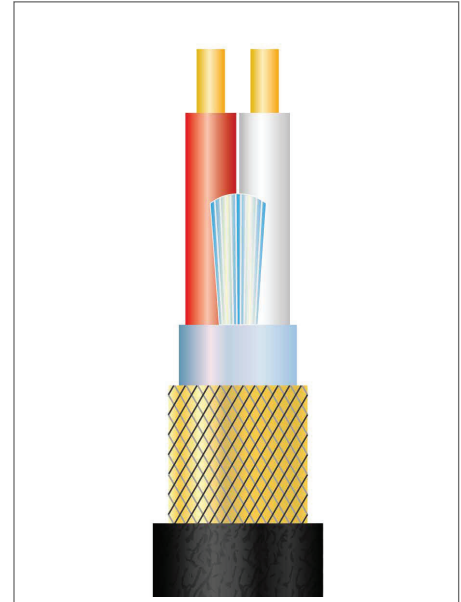
DMX Data Cable

YDMX115

Single pair / one channel Data Cable according DMX512 / AES/EBU standard
O.D. 5.8 mm, 0.15 mm² / AWG 26



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



MECHANICAL SPECIFICATION

Conductor area	0.15 mm ² / AWG 26
Composition of conductor	19 x 0.10 mm / 19 x AWG 38 annealed copper, OFC standard
Conductor insulation	PE Ø 1.8 mm
Conductor color	Red & White
Filler	Cotton Strand Y
Composition of core	2 twisted conductors 60 mm one, turn +/- 5 mm; left hand
Foil shield	AL - PT Foil, Coverage 100% Conductive side (AL coated) towards braided shield, spiral wound
Braided shield	16 x 4 Ø 0.10 mm annealed copper, OFC standard Coverage > 60 %
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 5.8 mm tolerance: +/- 0.15 mm
Working temperature	- Mobile -10 °C to +70 °C - Fixed -20 °C to +70 °C
Cable Printing	- Standard cable print - Customer cable print on request

ELECTRICAL SPECIFICATION

Nominal Characteristic Impedance	120 Ω - 1 MHz
Nominal Attenuation	2.0 dB / 100 m - 1 MHz
Capacitance 1 Conductor to Conductor	75 pF / m - 1 KHz
Capacitance 2 Conductor to Shield	140 pF / m - 1 KHz
Nominal DC Conductor Resistance	117 mΩ / m - 20 °C
Insulation resistance	> 1 GΩ / m - 20 °C, 500 V _{DC}
Test voltage: Conductor / Screen	1.000 VAC - 50 Hz, 1 Minute