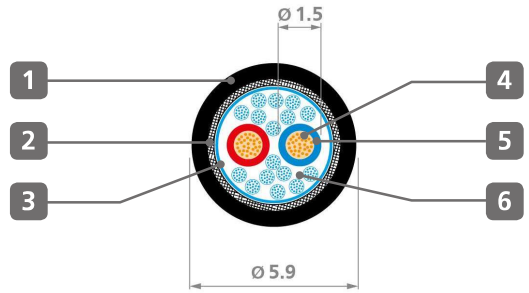
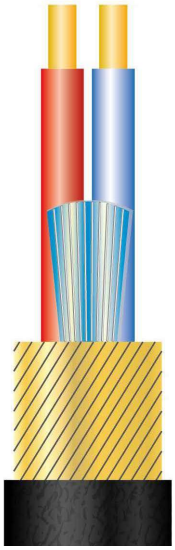
Microphone Cable

FLN01 series

Microphone Cable, O.D. 5.9 mm, 0.22 mm² / AWG 24



1 Jacket
2 Spiral Shield
3 Paper Tissue
4 Conductor
5 Conductor Insulation
6 Filler Cord



MECHANICAL SPECIFICATION

Conductor area	0.22 mm² / AWG 24
Composition of conductor	28 x 0.10 mm / 28 x AWG 38 bare annealed copper, OFC standard
Conductor insulation	LD-PE Ø 1.5 mm
Conductor color	Red & Blue
Filler	Cotton Strand
Composition of core	2 twisted cores 60 mm one turn, left hand
Spiral shield	85 x 0.10 mm, bare annealed copper, OFC standard Coverage > 90 %
Overall jacket material	PVC with restricted Substance: Cadmium: < 5 PPM ("Cadmium free") Lead: < 50 PPM Mercury: < 2 PPM Chromium: Not contained Hardness: 65 Shore-A
Jacket colour	Black (other colours on request)
Overall diameter	Ø 5.9 mm tolerance: +/- 0.2 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

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