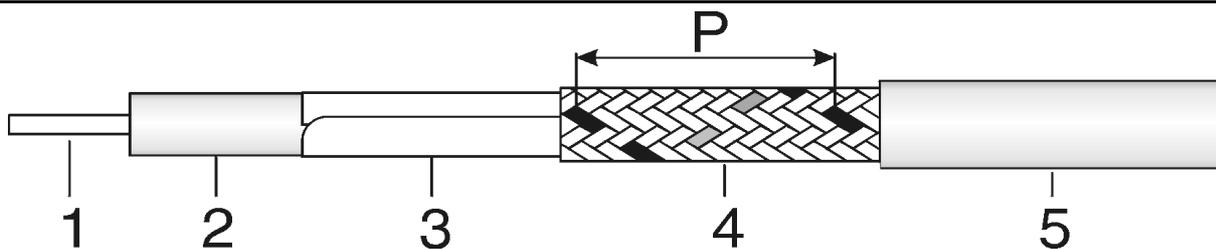


Cod.	Type	RF 100 (LOW LOSS 50 OHM white)
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MECHANICAL DATA

Position	Material	Dimension
1) Conductor	Red copper	Ø 1.00 mm
2) Insulation	Polyethylene expanded	Ø 2.95 ± 0.10 mm
3) 1st Screen	Polyester bonded Aluminium foil	coverage 100 %; Ø 3.05
4) 2nd Screen	Tinned copmesh	Ø 3.45 ± 0.10 mm, 96 x 0.1 mm, coverage 75 %
5) Outer mantle	PVC white RAL 7001 non polluting font size / type masking marking color marking text	Ø 5.00 ± 0.10 mm 100 cm 2 mm / ink jet print Light blue RF 100 LOW-LOSS 50 Ohm Made in ITALY order reference date * data may vary

Peso del rame	: 14.2 g/m
Peso del cavo	: 33.5 g/m
Raggio min. di curvatura	: 50 mm
Temp. operativa	: -30°C / +70°C
Conforme alle norme	: /

ELECTRICAL DATA

Typical values	
Nominal Impedance	50 ± 3 ohm
DC Resistance inner conductor	< 22.5 Ohm/Km
DC Resistance outer conductor	< 20.2 Ohm/Km
Capacitance approx	80 pF/m
Velocity ratio	80%
Attenuation	200 MHz 13,6 dB/100m 500 MHz 22,4 dB/100m 800 MHz 29.0 dB/100m 1000 MHz 32.7 dB/100m 1750 MHz 45.8 dB/100m 2000 MHz 50.5 dB/100m 2150 MHz 51.6 dB/100m 2500 MHz 57.0 dB/100m 2750 MHz 59.4 dB/100m 3000 MHz 64.0 dB/100m
Return Loss	30-300 MHz > 30 dB 300-600 MHz > 26 dB 600-1000 MHz > 20 dB 1000-2000 MHz > 16 dB 2000-3000 MHz > 14 dB
Shielding	100-900 MHz > 80 dB 900-2000 MHz > 70 dB 2000-3000 MHz > 60 dB