

Design

Inner conductor: High strength stranded silver plated copper wire (32 AWG) ∅ 0.24 mm (0.009 in dia)
 Insulation of Perfluoroethylene propylene, FEP ∅ 1.2 mm (0.047 in dia)
 Shield braiding of tinned copper wires
 Coverage about 85% ∅ 1.52 mm (0.060 in dia)

Jacket:

Perfluoroethylene propylene, FEP BK ∅ (1.9 ±0.05) mm (0.075 ±0.002 in dia)

Electrical data at 20°C

Conductor resistance	≤	650	Ohm/km
Insulation resistance	≥	500	MOhm*km
Operating voltage (peak)	≤	300	V
Attenuation (4.4 MHz)	nom.	7.2	dB/100m
Capacitance (1 kHz)	nom.	60	nF/km
Characteristic impedance		(75 ±5)	Ohm
Test voltage (rms 50Hz 1min)		1500	V

Mechanical and thermal characteristics

Insulating material acc. to DIN VDE 0207, compound type 6Y11
 Jacket material acc. to DIN VDE 0207, compound type 6YM1

Other characteristics:

RoHS compliant (Directive 2011/65/EC)

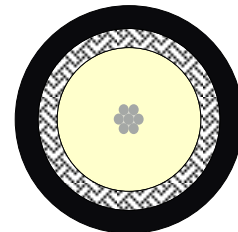
Permissible temperature range

Transport and fixed installation: -50 °C (-58 °F) up to 150 °C (302 °F)
 Installation and flexible use : -50 °C (-58 °F) up to 150 °C (302 °F)

Min. bending radius allowed : repeated 8X ∅, single 4X ∅
 Weight about : 8 kg/km (5 lb/1000ft)

Designation of order:

L45466-D12-G57
 231470
 6YC6Y 0.24/1.2-75 VS LI SW
 2000 m (6562 ft) on non-returnable spool



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