



Construction

Conductor Material	: Tinned Copper, 22(7)awg
Insulation Material	: Polypropylene (PP)
Number of Pairs	: 6
Drain Wire	: Tinned Copper, 24(7)awg
Individual Screen	: Aluminium Foil, Each Pair (100% Coverage)
Individual Tape	: Polyester, Each Pair
Overall Tape	: Polyester
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	: Grey

Electrical Characteristics

Nominal Conductor Resistance	: < 60.2 Ω /km
Insulation Resistance	: > 200M Ω .M
Characteristic Impedance	: 50 Ω
Capacitance	Core to core : 98 pF/m
	Core to screen : 180 pF/m
Nominal Velocity of Propagation	: 66%
Voltage Rating	: 450/750V

Physical Characteristics

Overall Diameter	: 9.0 \pm 0.2mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +80°C
Weight	: 123 kg/km

Standards

Flame Retardant	: EN 60332-1-2
Low Smoke Generation	: EN 61034-2
Halogen Gas Emission	: EN 60754-1&2