



Construction

Conductor Material	: Tinned Copper, 22(7)awg
Insulation Material	: Polypropylene (PP)
Number of Pairs	: 2
Individual Screen	: Aluminium Foil, Each Pair (100% Coverage)
Common Drain Wire	: Tinned Copper, 24(7)awg
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
Capacitance	Core to Core : 108 pF/m \pm 30
	Core to Screen : 203 pF/m \pm 50
Voltage Rating	: 450/750V
Test Voltage	: 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter	: 4.2 \pm 0.2mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 32 kg/km

Standards

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