



Construction		
Conductor Material		: Tinned Copper, 22(7)awg
Insulation Material		: Polypropylene (PP)
Number of Pairs		: 12
Individual Screen		: Aluminium Foil, Each Pair (100% Coverage)
Drain Wire		: Tinned Copper, 22(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		: > 200MΩ.M
Capacitance	Core to Core	: 98 pF/m ± 25
	Core to Screen	: 180 pF/m ± 40
Voltage Rating		: 450/750V
Test Voltage		: 2.5kV for 5 minutes

Physical Characteristics		
Overall Diameter		: 11.8 ± 0.2mm
Min. Bend Radius		: 10 x OD
Temperature Rating		: -20°C to +70°C
Weight		: 226 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