

Part No: 1806COFRH-E00
Description: 6 x 18(7)AWG Six core Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material	: Bare Copper, 18(7)awg
Pair Insulation Material	: Polypropylene (PP)
Number of Cores	: 6
Overall Screen	: Overall Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 24awg
Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Blue
Core Identification	: Black, Red, White, Green, Brown, Blue
Alternative to Belden	: 5304FE

Electrical Characteristics

Nominal Conductor Resistance @20°C	: < 21.5 Ω/km
Capacitance	Core to core : 88 pF/m ± 25
	Core to screen : 160 pF/m ± 40
Voltage Rating	: 450/750V <i>Applies to CE marked FSC branded stock only</i>
Test Voltage	: 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter	: 5.7 ± 0.2mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 63 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
RoHS Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)
UV and Weather Resistant	: ISO 4892-3*
	: *Applies to all Batches ST***** Onwards

