

Part No: 1822ECCD
Description: 1 Pair 22awg Foil Screened + 2core 18awg External Duct Grade




Units

Data

Conductor Material : Tinned Copper, 22(7)awg
 Insulation Material : Polypropylene (PP)
 Number of Pairs : 1
 Drain Wire : Tinned Copper, 24(7)awg
 Overall Screen : Overall Aluminium Foil (>100% Coverage)
 Pair Identification : White, Blue

Power

Conductor Material : Bare Copper, 18(16)awg
 Core Insulation : Polyvinyl Chloride (PVC)
 Number of Cores : 2
 Core Identification : Red, Black

Overall Construction

Inner Sheath Material : Polyvinyl Chloride (PVC)
 Inner Sheath Colour : Blue
 Outer Sheath Material : Polyethylene (PE)
 Outer Sheath Colour : Black
 Alternative to Belden : 1502R, Duct Grade

Electrical Characteristics

Nom. Conductor Resistance @ 20°C	Data	: ≤ 54.2 Ω/km
	Power	: ≤ 23.7 Ω/km
Insulation Resistance @ 20°C		: ≥ 100 MΩ.M
Capacitance	Core to core	Data : 45 pF/m ± 20
	Core to screen	Data : 125 pF/m ± 35
Impedance	Data	: 100 Ω ± 10
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 : 8.8 ± 0.3mm
 Min Bend Radius : 15 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 79 kg/km

Standards

RoHS3 Compliant : Yes
 CE Compliant : LVD (2006/95/EC),