

Part No: 1822ECC
Description: 1 Pair 22awg Foil Screened + 2core Power 18awg PVC. Designed for applications requiring power & screened control cores within the same cable.



Units

Data

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

Power

Conductor Material	: Tinned Copper, 18(16)awg
Core Insulation	: Polyvinylchloride (PVC)
Core Identification	: Red, Black

Overall Construction

Sheath Material	: Polyvinylchloride (PVC)
Sheath Colour	: Blue

Electrical Characteristics

Nominal Conductor Resistance @ 20°C	: 18awg, < 21.5 Ω/km	22awg, < 55.2 Ω/km
Insulation Resistance	: > 200MΩ.M	
Capacitance, 22awg	Core to core	: 45 pF/m
Nominal Impedance	: 120 Ω	
Voltage Rating	: 300V	
Test Voltage	: 2.5kV for 2s	

Physical Characteristics

Overall Diameter	: 6.4 ± 0.1mm
Min Bend Radius	: 10 x OD
Temperature Rating	: 0°C to +70°C
Weight	: 65 kg/km

Standards

Flame Retardant	: EN 60332-1-2
RoHS2 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)