

Part No: 1822ECCH

Description: 1 Pair 22awg Foil Screened + 2core Power 18awg LSHF. Designed to meet the needs of installers working in areas where Low Smoke Halogen Free is specified. This cable can also be used on other 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	: Polypropylene (PP)
Core Identification	: Red, Black

Overall Construction

Sheath Material	: Low Smoke Halogen Free (LSHF)
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
Low Smoke Generation	: EN 61034-2
Halogen Gas Emission	: EN 60754-1&2
RoHS2 Compliant	: Yes
CE Compliant	: LVD (2014/35/EU)