

Part No: 1822CCCH-E00
Description: 1 Pair 22awg Foil Screened + 2core 18awg Low Smoke Halogen Free (LSHF).



Units

Data

Conductor Material : Bare Copper, 22(7)awg
 Insulation Material : Foamed Polyethylene (FPE)
 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 : Low Smoke Halogen Free (LSHF)
 Number of Cores : 2
 Core Identification : Red, Black

Overall Construction

Sheath Material : Low Smoke Halogen Free (LSHF)
 Sheath Colour : Teal with Yellow Stripe
 Alternative to Crestron : Crestron-NP

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 : 41 pF/m ± 20
	Core to screen	Data : 79 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 : 6.4 ± 0.2mm
 Min Bend Radius : 15 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 46 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 (2006/95/EC), CPR (305/2011)
 CPR Classification : Eca (EN50575:2014+A1:2016)
 UV and Weather Resistant : ISO 4892-3*
 : *Applies to all Batches ST***** Onwards

