

Part No: 1822LC2H-E00
Description: 1 Pair 22awg Foil Screened + 2core 18awg Low Smoke Halogen Free (LSHF).

truLIGHTING



Units

Data

Conductor Material : Bare Copper, 22(7)awg
 Pair Insulation Material : Polyethylene (PE)
 Number of Pairs : 1
 Drain Wire : Tinned Copper, 24(7)awg
 Overall Screen : Overall Aluminium Foil (>100% Coverage)
 Pair Identification : White with Blue Stripe, Violet

Power

Conductor Material : Bare Copper, 18(7)awg
 Core Insulation : Polyethylene (PE)
 Number of Cores : 2
 Core Identification : Red, Black

Overall Construction

Sheath Material : Low Smoke Halogen Free (LSHF)
 Sheath Colour : Blue with Red Stripe
 Alternative to Lutron : GRX-CBL-346S GrafikEye

Electrical Characteristics

Nominal Conductor Resistance @ 20°C : 18awg, $\leq 21.5 \Omega/\text{km}$ 22awg, $\leq 54.0 \Omega/\text{km}$
 Insulation Resistance @ 20°C : $\geq 100 \text{ M}\Omega\cdot\text{m}$
 Capacitance, 22awg Core to core : 70 pF/m ± 20
 Core to screen : 130 pF/m ± 35
 Voltage Rating : 450/750V *Applies to CE marked FSC branded stock only*
 Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter : 5.0 $\pm$ 0.2mm
 Min Bend Radius : 10 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
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2006/95/EC), CPR (305/2011)
 CPR Classification : Eca (EN50575:2014+A1:2016)
 UV & Weather Resistant : ISO 4892-3 (Subject to manufacturer)

