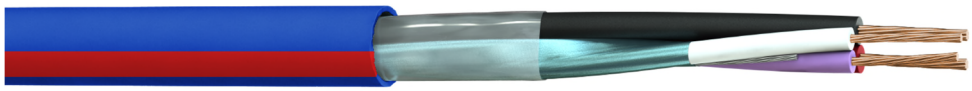
1822LCCH-E00
Technical Datasheet

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

truLIGHTING



CONSTRUCTION PRODUCTS REGULATION
BS EN 50575
CLASS Eca
INDEPENDENTLY VERIFIED

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, 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, ≤21.5 Ω/km	22awg, ≤54.0 Ω/km
Insulation Resistance @ 20°c		: ≥ 100 MΩ.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 ± 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)

FS Cables Ltd
Export Sales
01727 840 841
+44 1727 849 841
sales@fscables.com
sales@fscglobal.com
www.fscables.com
www.fscglobal.com

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