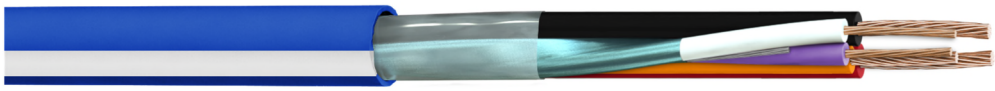
1222LCCH-E00
Technical Datasheet

Part No: 1222LCCH-E00

Description: 1 Pair 22awg Foil Screened + 2core 12awg + 1core 18awg Low Smoke Halogen Free (LSHF).



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, 12(7)awg
Core Insulation	: Polyethylene (PE)
Number of Cores	: 2
Core Identification	: Red, Black
Conductor Material	: Bare Copper, 18(7)awg
Core Insulation	: Polyethylene (PE)
Number of Cores	: 1
Core Identification	: Orange

Overall Construction

Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: Blue with White Stripe
Alternative to Lutron	: GRX-CBL-46L GrafikEye

Electrical Characteristics

Nominal Conductor Resistance @ 20°C		: 12awg, <5.8 Ω/km 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	: 8.0 ± 0.2mm
Min Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 81 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)

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