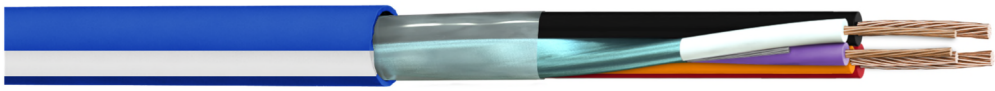
1222LCCH-E00
Technical Datasheet

Part No: 1222LCCH-E00

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



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)

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

Information and images on this techincal datasheet are intended for guidance only and products may vary due to manufacturing changes, technical improvements and commercial factors. We reserve the right to amend the product information without notice or liability.