

**Part No:** 1622LCCH-E00  
**Description:** 1 Pair 22awg Foil Screened + 2core 16awg Low Smoke Halogen Free (LSHF).



### Units

#### Data

Conductor Material	: Bare Copper, 22(16)awg
Pair 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, Violet

#### Power

Conductor Material	: Bare Copper, 16(26)awg
Core Insulation	: Polyethylene (PE)
Number of Cores	: 2
Core Identification	: Red, Black

#### Overall Construction

Sheath Material	: Low Smoke Halogen Free (LSHF)
Sheath Colour	: White
Alternative to Lutron	: QSH-CBL-M-500

#### Electrical Characteristics

Nominal Conductor Resistance @ 20°C	: 16awg, $\leq 14.0 \Omega/\text{km}$	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 $\pm 20$
	Core to screen	: 130 pF/m $\pm 35$
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	: 6.1 $\pm$ 0.2mm
Min Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 70 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)