

**Part Number:** 2201PCODGH-E00  
**Description:** 1 x 2 x 22(7)AWG + 1 x 22(7)AWG One Pair + One Core Foil & Braid Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

Conductor Material	:	Tinned Copper, 22(7)awg
Insulation Material	:	Foamed Polyethylene (FPE)
Number of Pairs	:	1
Conductor Material	:	Tinned Copper, 22(7)awg
Insulation Material	:	Low Smoke Halogen Free (LSHF)
Number of Core	:	1
Overall Screen 1	:	Aluminium Foil (100% Coverage)
Drain Wire	:	Tinned Copper, 22(7)awg
Overall Screen 2	:	Tinned Copper Wire Braid (65% Coverage)
Outer Sheath Material	:	Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	:	Black
Core Identification	Pair	: White/Orange Stripe, Orange/White Stripe
	Core	: Blue, White
Alternative to Belden	:	3106A

### Electrical Characteristics

Nominal Conductor Resistance	:	< 56.4 Ω/km
Insulation Resistance	:	> 200MΩ.M
Impedance	:	120 Ohm ± 25
Capacitance	Core to Core	: 36 pF/m ± 20
	Core to Screen	: 69 pF/m ± 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	:	7.6 ± 0.2mm
Min. Bend Radius	:	10 x OD
Temperature Rating	:	-20°C to +70°C
Weight	:	73 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 (2014/35/EU), CPR (305/2011)
CPR Classification	:	Eca (EN50575:2014+A1:2016)