

**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
RoHS Compliant	: Yes
CE Compliant	: LVD (2014/35/EU), CPR (305/2011)
CPR Classification	: Eca (EN50575:2014+A1:2016)
UV and Weather Resistant	: ISO 4892-3*
	: *Applies to all Batches ST***** Onwards