

**Part Number:** 220215FFH-E00  
**Description:** 22(19)AWG Twin-Ax Low Smoke Halogen Free (LSHF) Cable



### Construction

Conductor Material	: Tinned Copper, 22(19)awg
Insulation Material	: Foamed Polyethylene (FPE)
Number of Pairs	: 1
Overall Screen	: Double Aluminium Foil (100% Coverage)
Drain Wire	: Tinned Copper, 22(19)awg
Outer Sheath Material	: Low Smoke Halogen Free (LSHF)
Outer Sheath Colour	: Black
Core Identification	: Black & Yellow
Alternative to Belden	: 9182

### Electrical Characteristics

Nominal Conductor Resistance	: < 49.6 Ω/km
Insulation Resistance	: > 200MΩ.M
Impedance	: 150 ± 30
Capacitance	Core to Core : 29 pF/m ± 10
	Core to Screen : 54 pF/m ± 20
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	: 9.0 ± 0.3mm
Min. Bend Radius	: 10 x OD
Temperature Rating	: -20°C to +70°C
Weight	: 61 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)