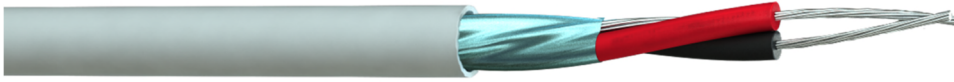


Part No: 2201POFRH-E00
Description: 1 x 2 x 22(7)AWG Single Pair Screened Low Smoke Halogen Free (LSHF) Data Cable



Construction

Conductor Material : Tinned Copper, 22(7)awg
 Pair Insulation Material : Polypropylene (PP)
 Number of Pairs : 1
 Overall Screen 1 : Overall Aluminium Foil (100% Coverage)
 Drain Wire : Tinned Copper, 22(7)awg
 Sheath Material : Low Smoke Halogen Free (LSHF)
 Sheath Colour : Grey
 Core Identification : Black & Red
 Alternative to Belden : 8451

Electrical Characteristics

Nominal Conductor Resistance @20°C : < 55.2 Ω/km
 Characteristic Impedance : 45 Ω
 Capacitance Core to core : 112 pF/m ± 30
 Core to screen : 220 pF/m ± 40
 Nominal Velocity of Propagation : 66%
 Voltage Rating : 450/750V *Applies to CE marked FSC branded stock only*
 Test Voltage : 2.5kV for 5 minutes

Physical Characteristics

Overall Diameter : 3.5 ± 0.2mm
 Min. Bend Radius : 10 x OD
 Temperature Rating : -20°C to +70°C
 Weight : 20 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)