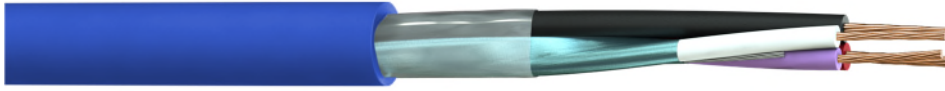


**Part No:** 1822LC2H-B204  
**Description:** 1 Pair 22awg Foil Screened + 2core 18awg Low Smoke Halogen Free (LSHF).



### Units

#### Data

Conductor Material : Bare Copper, 22(7)awg  
 Pair Insulation Material : Polyethylene (PE)  
 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, 18(7)awg  
 Core Insulation : Low Smoke Halogen Free (Low Smoke Halogen Free)  
 Number of Cores : 2  
 Core Identification : Red, Black

#### Overall Construction

Sheath Material : Low Smoke Halogen Free (LSHF)  
 Sheath Colour : Blue

#### Electrical Characteristics

Nominal Conductor Resistance @ 20°C : 18awg, ≤21.5 Ω/km      22awg, ≤54.0 Ω/km  
 Insulation Resistance @ 20°C (Polyethylene) : ≥ 5GΩ.km  
 Capacitance, 22awg      Core to core : 70 pF/m ± 20  
    Core to screen : 130 pF/m ± 35  
 Voltage Rating : 450/750V *Applies to CE marked FSC branded stock only*  
 Test Voltage : 2.5kV for 5 minutes

#### Physical Characteristics

Overall Diameter : 6.2± 0.2mm  
 Min Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 58 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 (2006/95/EC), CPR (305/2011)  
 CPR Classification : B2ca s1a, d1, a1 (EN50575:2014+A1:2016)