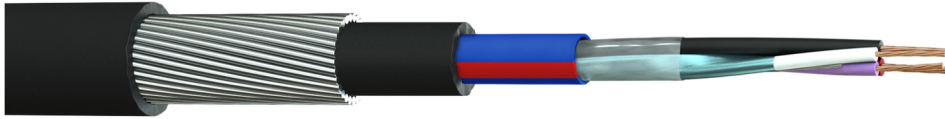


**Part No:** 1822LCCHA  
**Description:** 1 Pair 22awg Foil Screened + 2core 18awg External Armoured Direct Burial Cable



### 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 : Polyethylene (PE)  
 Number of Cores : 2  
 Core Identification : Red, Black

#### Overall Construction

1<sup>st</sup> Inner Sheath Material : Low Smoke Halogen Free (LSHF)  
 1<sup>st</sup> Inner Sheath Colour : Blue with Red Stripe  
 2<sup>nd</sup> Inner Sheath Material : Polyethylene (PE)  
 2<sup>nd</sup> Inner Sheath Colour : Black  
 Armour : Galvanised Steel Wire Armour (SWA)  
 Outer Sheath Material : Polyethylene  
 Outer Sheath Colour : Black  
 Alternative to Lutron : GRX-CBL-346S GrafikEye, Armoured

#### Electrical Characteristics

Nominal Conductor Resistance @ 20°C : 18awg, ≤21.5 Ω/km      22awg, ≤54.0 Ω/km  
 Insulation Resistance @ 20°C : ≥ 100 MΩ.M  
 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 : 11.5 ± 0.3mm  
 Min Bend Radius : 10 x OD  
 Temperature Rating : -20°C to +70°C  
 Weight : 120 kg/km

#### Standards

RoHS2 Compliant : Yes  
 CE Compliant : LVD (2006/95/EC)