

Part No: 15ABDY
Description: 1 Pair 15awg Foil Screened + 1 Pair 18awg Foil Screened, Overall Braid Screen Polyvinyl Chloride (PVC) Sheath.



Units

Data

Conductor Material : Tinned Copper
 Conductor Size : 18awg, 19/0.25mm
 Pair Insulation Material : Foamed Polyethylene (FPE)
 Number of Pairs : 1
 Pair Identification : White, Blue

Power

Conductor Material : Tinned Copper
 Conductor Size : 15awg, 19/0.35mm
 Core Insulation : Polyethylene (PE)
 Number of Pairs : 1
 Core Identification : Red, Black

Overall Construction

Common Drain Wire : Tinned Copper, 19/0.25mm
 Overall Screen : Tinned Copper Wire Braid (>60% Coverage)
 Sheath Material : Polyvinyl Chloride (PVC)
 Sheath Colour : Violet
 Alternative to Belden : 3082A

Electrical Characteristics @ 20°C

| | | |
|---|---------------------|-------------------|
| Nominal Conductor Resistance | : 18awg, ≤20.6 Ω/km | 15awg, ≤10.2 Ω/km |
| Nominal Capacitance, 18awg Core to core | : 40 pF/m @ 1KHz | |
| Characteristic Impedance, 18awg | : 120 Ω/km ± 15 | |
| Dielectric Strength | Core to Core | : 2000 Vx1min |
| | Core to Screen | : 2000 Vx1min |
| Insulation Resistance @ 20°C | : ≥ 5 GΩ x km | |
| Voltage Rating | : 300 Vrms | |

Physical Characteristics

| | | |
|--------------------|------------------|-----------------|
| Overall Diameter | : 11.0 ± 0.3mm | |
| Min Bend Radius | : Fixed 10 x OD | Flexing 15 x OD |
| Temperature Rating | : -20°C to +80°C | |
| Weight | : 174 kg/km | |

Standards

Flame Retardant : BS EN 60332-1-2
 Oil Resistant : ISO 6722
 UV Resistant : UL 1581
 UL Approval : AWM 2571
 RoHS3 Compliant : Yes
 CE Compliant : LVD (2006/95/EC)