

**Part No:** 22ABDY  
**Description:** 1 Pair 24awg Foil Screened + 1 Pair 22awg Foil Screened, Overall Braid Screen Polyvinyl Chloride (PVC) Sheath.



## Units

### Data

Conductor Material : Tinned Copper  
 Conductor Size : 24awg, 19/0.13mm  
 Pair Insulation Material : Foamed Polyethylene (FPE)  
 Number of Pairs : 1  
 Pair Identification : White, Blue

### Power

Conductor Material : Tinned Copper  
 Conductor Size : 22awg, 19/0.16mm  
 Core Insulation : Polyethylene (PE)  
 Number of Pairs : 1  
 Core Identification : Red, Black

### Overall Construction

Common Drain Wire : Tinned Copper, 19/0.16mm  
 Overall Screen : Tinned Copper Wire Braid (>60% Coverage)  
 Sheath Material : Polyvinyl Chloride (PVC)  
 Sheath Colour : Violet  
 Alternative to Belden : 3084A

### Electrical Characteristics @ 20°C

Nominal Conductor Resistance : 24awg, ≤80 Ω/km 22awg, ≤54 Ω/km  
 Nominal Capacitance, 24awg Core to core : 40 pF/m @ 1KHz  
 Characteristic Impedance, 24awg : 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 : 7.0 ± 0.2mm  
 Min Bend Radius : Fixed 10 x OD Flexing 15 x OD  
 Temperature Rating : -20°C to +80°C  
 Weight : 65 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)