

**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)