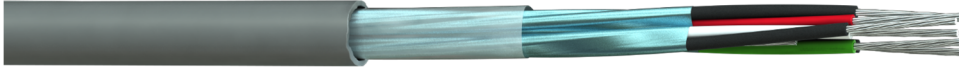


# 2403PIFFL-E00

## Technical Datasheet

**Part Number:** 2403PIFFL-E00  
**Description:** 3 x 2 x 24(7)AWG Three Pair Individually Foil Screened LSF Data Cable



### Construction

Conductor Material : Tinned Copper, 24(7)awg  
Insulation Material : Foamed Polyethylene (FPE)  
Number of Pairs : 3  
Individual Screen : Aluminium Foil, Each Pair (100% Coverage)  
Drain Wire : Tinned Copper, 24(7)awg  
Outer Sheath Material : Low Smoke & Fume (LSF)  
Outer Sheath Colour : Grey  
Core Identification : Black/Red, Black/White, Black/Green  
Alternative to Belden : 9730

### Electrical Characteristics

Nominal Conductor Resistance : < 83.7  $\Omega$ /km  
Insulation Resistance : > 200M $\Omega$ .M  
Impedance : 100 Ohm  $\pm$  25  
Capacitance      Core to Core : 41 pF/m  $\pm$  20  
                         Core to Screen : 76 pF/m  $\pm$  35  
Voltage Rating : 450/750V *Applies to CE marked FSC branded stock only*  
Test Voltage : 2.5kV for 5 minutes

### Physical Characteristics

Overall Diameter : 8.5  $\pm$  0.2mm  
Min. Bend Radius : 10 x OD  
Temperature Rating : -20°C to +70°C  
Weight : 80 kg/km

### Standards

Flame Retardant : BS EN 60332-1-2  
RoHS3 Compliant : Yes  
CE Compliant : LVD (2014/35/EU), CPR (305/2011)  
CPR Classification : Eca (EN50575:2014+A1:2016)

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