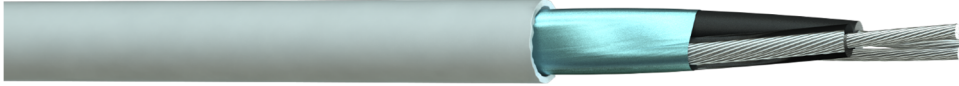


**Part No:** 1801POFPL-E00  
**Description:** 1 x 2 x 18(16)AWG Single Pair Foil Screened LSF Data Cable



### Construction

|                          |                                  |
|--------------------------|----------------------------------|
| Conductor Material       | : Tinned Copper, 18(16)awg       |
| Pair Insulation Material | : Polyethylene (PE)              |
| Number of Pairs          | : 1                              |
| Overall Screen           | : Aluminium Foil (100% Coverage) |
| Drain Wire               | : Tinned Copper, 20(7)awg        |
| Sheath Material          | : Low Smoke and Fume (LSF)       |
| Sheath Colour            | : Grey                           |
| Core Identification      | : Clear/Black                    |
| Alternative to Belden    | : 8760                           |

### Electrical Characteristics

|                                    |                                                                |
|------------------------------------|----------------------------------------------------------------|
| Nominal Conductor Resistance @20°C | : < 23.8 Ω/km                                                  |
| Capacitance                        |                                                                |
| Core to core                       | : 78 pF/m ± 30                                                 |
| Core to screen                     | : 152 pF/m ± 50                                                |
| Impedance                          | : 58 ± 25                                                      |
| Voltage Rating                     | : 450/750 V <i>Applies to CE marked FSC branded stock only</i> |
| Test Voltage                       | : 2.5 kV for 5 minutes                                         |

### Physical Characteristics

|                    |                  |
|--------------------|------------------|
| Overall Diameter   | : 5.6 ± 0.2mm    |
| Min. Bend Radius   | : 10 x OD        |
| Temperature Rating | : -20°C to +70°C |
| Weight             | : 45 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)       |