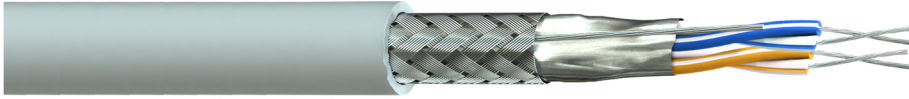


**Part Number:** 2402POHPH-E00  
**Description:** 2 x 2 x 24(7)AWG Two Pair Foil & Braid Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

|                       |  |
|-----------------------|--|
| Conductor Material    | : Tinned Copper, 24(7)awg  |
| Insulation Material   | : Polyethylene (PE)  |
| Number of Pairs       | : 2  |
| Overall Screen 1      | : Aluminium Foil (100% Coverage)   |
| Drain Wire            | : Tinned Copper, 24(7)awg  |
| Overall Screen 2      | : Tinned Copper Wire Braid (90% Coverage)  |
| Outer Sheath Material | : Low Smoke Halogen Free (LSHF)  |
| Outer Sheath Colour   | : Grey   |
| Core Identification   | : White/Blue Stripe, Blue/White Stripe<br>White/Orange Stripe, Orange/White Stripe |
| Alternative to Belden | : 9842   |

### Electrical Characteristics

|                              |   |
|------------------------------|---|
| Nominal Conductor Resistance | : < 86.2 Ω/km   |
| Insulation Resistance        | : > 200MΩ.M   |
| Impedance                    | : 120 Ohm ± 25  |
| Capacitance                  | Core to Core : 42 pF/m ± 20<br>Core to Screen : 76 pF/m ± 35  |
| Voltage Rating               | : 450/750V <i>Applies to CE marked FSC branded stock only</i> |
| Test Voltage                 | : 2.5kV for 5 minutes   |

### Physical Characteristics

|                    |                  |
|--------------------|------------------|
| Overall Diameter   | : 8.7 ± 0.2mm    |
| Min. Bend Radius   | : 10 x OD        |
| Temperature Rating | : -20°C to +70°C |
| Weight             | : 95 kg/km       |

### Standards

|                      |                                    |
|----------------------|------------------------------------|
| Flame Retardant      | : BS EN 60332-1-2                  |
| Low Smoke Generation | : BS EN 61034-2                    |
| Halogen Gas Emission | : BS EN 60754-1&2                  |
| RoHS3 Compliant      | : Yes                              |
| CE Compliant         | : LVD (2014/35/EU), CPR (305/2011) |
| CPR Classification   | : Eca (EN50575:2014+A1:2016)       |