

**Part Number:** 2404POFYH-C07  
**Description:** 4 x 2 x 24(7)AWG Four Pair Foil Screened Low Smoke Halogen Free (LSHF) Data Cable



### Construction

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Conductor Material    | : Tinned Copper, 24(7)awg                         |
| Insulation Material   | : Cross Linked Polyethylene (XLPE)                |
| Number of Pairs       | : 4                                               |
| Overall Screen        | : Aluminium Foil (100% Coverage)                  |
| Drain Wire            | : Tinned Copper, 24(7)awg                         |
| Outer Sheath Material | : Low Smoke Halogen Free (LSHF)                   |
| Outer Sheath Colour   | : Grey                                            |
| Core Identification   | : Black/Red, Black/White, Black/Green, Black/Blue |
| Alternative to Belden | : 9504                                            |

### Electrical Characteristics

|                              |                             |
|------------------------------|-----------------------------|
| Nominal Conductor Resistance | : < 85.9 $\Omega$ /km       |
| Insulation Resistance        | : min $M\Omega \cdot km$ 25 |
| Mutual Capacitance           | : max nF/km 250             |
| Voltage Rating               | : 300/500v                  |
| Test Voltage                 | : 2000v                     |

### Physical Characteristics

|                    |                   |
|--------------------|-------------------|
| Overall Diameter   | : $6.6 \pm 0.2mm$ |
| Min. Bend Radius   | : 8 x OD          |
| Temperature Rating | : -30°C to +75°C  |
| Weight             | : 66 kg/km        |

### Standards

|                      |                                    |
|----------------------|------------------------------------|
| Flame Retardant      | : BS EN 60332-1-2                  |
| Low Smoke Generation | : BS EN 61034-2                    |
| Halogen Gas Emission | : BS EN 60754-1                    |
| RoHS3 Compliant      | : Yes                              |
| CE Compliant         | : LVD (2014/35/EU), CPR (305/2011) |
| CPR Classification   | : Cca s1a, d2, a1                  |