

**Part Number:** 2404PTMFL-E00  
**Description:** 4 x 2 x 24(7)AWG Four Pair Individually Foil Screened Pairs & Overall Foil & Braid Screen LSF Data Cable



### Construction

Conductor Material	:	Tinned Copper, 24(7)awg
Insulation Material	:	Foamed Polyethylene (FPE)
Number of Pairs	:	4
Drain Wire	:	Tinned Copper, 24(7)awg, Each Pair
Individual Screen	:	Aluminium Foil, Each Pair (100% Coverage)
Tape	:	Polyester, Each Pair
Overall Screen 1	:	Aluminium Foil (100% Coverage)
Overall Screen 2	:	Tinned Copper Wire Braid (65% Coverage)
Outer Sheath Material	:	Low Smoke & Fume (LSF)
Outer Sheath Colour	:	Grey
Core Identification	:	Black/Red, Black/White, Black/Green, Black/Blue
Alternative to Belden	:	8164

### Electrical Characteristics

Nominal Conductor Resistance	:	< 86.2 $\Omega$ /km
Insulation Resistance	:	> 200M $\Omega$ .M
Impedance	:	100 Ohm $\pm$ 25
Capacitance	Core to Core	: 41 pF/m $\pm$ 20
	Core to Screen	: 72 pF/m $\pm$ 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	:	9.9 $\pm$ 0.3mm
Min. Bend Radius	:	10 x OD
Temperature Rating	:	-20°C to +70°C
Weight	:	121 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)