

Part Number: 2410COFYH-C07
Description: 10 x 24(7)AWG Ten Core 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 Cores	: 10
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, White, Red, Green, Brown, Blue, Orange, Yellow, Purple, Grey
Alternative to Belden	: 9540

Electrical Characteristics

Nominal Conductor Resistance	: < 85.9 Ω /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	: 6.4 ± 0.2 mm
Min. Bend Radius	: 8 x OD
Temperature Rating	: -30°C to +75°C
Weight	: 72 kg/km

Standards

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