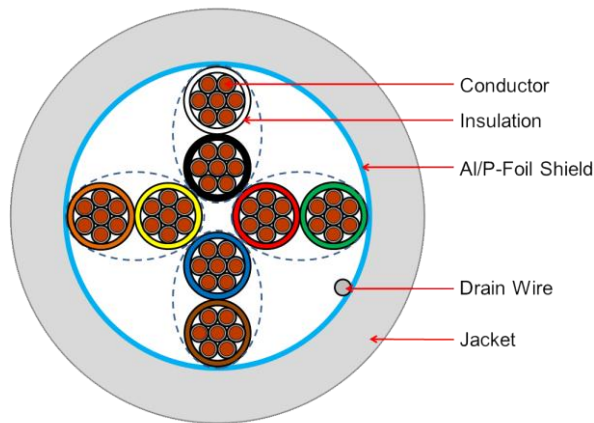


LINK Multi-Pair Cable, 4 pairs Single Shield



LINK Multi-Pair cable, 4 pairs Single Shield

FEATURES AND BENEFITS

LINK Multi-Pair single shield cable in sensitive EMI environments for general control, Suitable for EIA RS-232, RS-422, RS-423 and RS-485 i.e. process automation (chemicals, brewing, pepper mills), factory automation, HVAC, security control, motion control and etc.

LINK Multi-Core cable in accordance with

UL2464, UL2576, UL2919, UL444, CSA and RoHS Compliant

ORDER INFORMATION

| Part Number | Description | Color | Length | Package |
|-------------|---|-------|--------|---------|
| CB-0253 | Multi-Pair Cable, 4 pairs Single Shield, 24 AWG | Gray | 500 m. | Roll |

ELECTRICAL CHARACTERISTIC

| | |
|-----------------------------------|---------------------|
| Rating Temp. & Voltage | 80°C 300V |
| Max. Conductor DC Resistance | 89.1 Ohm/km @20°C |
| Min. Insulation Resistance | 3 Mega Ohm/km @20°C |
| Dielectric Strength between pairs | DC 1.5 KV/Minute |
| Conductor Capacitance | 43 pF/m |
| Characteristic Impedance | 112 Ohm |



LINK Multi-Pair Cable, 4 pairs Single Shield

CABLE CONSTRUCTION

| | | | |
|-------------------|----------------------------|-------------------|--|
| Conductor | No. of conductor | | 4 pairs (twisted) |
| | Size | | 24 AWG |
| | Cond. Material | | Stranded Tinned Anneal Copper |
| | Stranded wire no./Diameter | | 7/0.20 ±0.01 mm |
| Insulation | Thickness | | 0.25 ±0.03 mm |
| | Diameter | | 1.11 ±0.05 mm |
| | Material | | HDPE |
| | Color | | Black & White , Red & Green , Blue & Brown , Orange & Yellow |
| Shielded | AL/P-Foil | | 0.025 mm |
| | Drain Wire | Material | Tinned Anneal Copper |
| | | Wire no./Diameter | 7/0.2 mm |
| Jacket | Thickness | | 0.90 ±0.05 mm |
| | Overall Diameter(O.D.) | | 7.82 ±0.3 mm |
| | Material | | FR-PVC |
| | Color | | Gray |

PHYSICAL PROPERTIES

| | |
|------------------------------------|---------------------------|
| Tensile Strength | 13.8 MPa (≈ 2002 PSI) |
| Min. Bending Radius | 8 x O.D. (62.56 mm) |
| Heat Shock Test | 121±1°C x 1 hr (No Crack) |
| Cold Shock Test | -20±1°C x 4hr (No Crack) |
| Operating Temperature Range | -10°C to +60°C |

-END OF SPECIFICATION-



Specifications subject to change without notice. Revised 1/2018
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