



CB-0253A

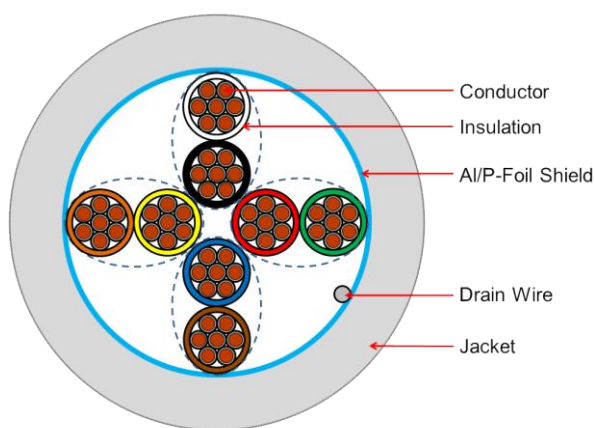


LINK Multi-Pairs Cable, 4 pairs Single Shielded

Scope of Applications

LINK multi-pairs single shielded 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.

Drawing



Technical Standards

- UL2464
- UL2576
- UL2919
- UL444
- CSA
- RoHS Compliant



Cable Construction

Conductor	No. of conductor	4 pairs (twisted)
	Size	24 AWG
	Cond. Material	Stranded Tinned Anneal Copper
	no./Diameter	7/0.20 ±0.01 mm
Insulation	Material	HDPE
	Thickness	0.25 ±0.05 mm
	Diameter	1.10 ±0.05 mm
	Color	Black & White, Red & Green , Blue & Brown, Orange & Yellow
Shielded	Material	AL/P-Foil (0.025 mm)
Drain Wire	Material	Stranded Tinned Anneal Copper
	Wire no./Diameter	7/0.20 mm
Drain Wire	Material	Stranded Tinned Anneal Copper
	Wire no./Diameter	7/0.20 mm
Jacket	Material	Lead Free FR-PVC
	Thickness	1.00 ±0.05 mm
	Color	Gray (RAL 7001)
Cable Diameter		7.20 ±0.3 mm

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

Physical Properties

Tensile Strength	13.8 MPa (≈ 2002 PSI)
Min. Bending Radius	8 x O.D.
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

Order Information

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

Specifications subject to change without notice.

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