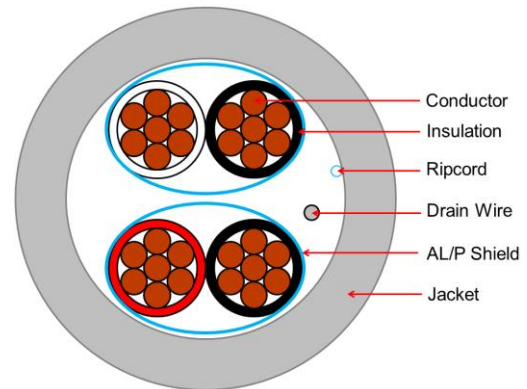


LINK BAS Twisted Pair Shield, 1 Pair



LINK BAS Twisted Pair Shield, 2 Pairs

FEATURES AND BENEFITS

LINK BAS, twisted pairs cable describes one pair (2 Cores) and two pairs (4 Cores). The maximum operating voltage is 300VAC/VDC, the flame retardant is in accordance with UL444.

LINK BAS cable in accordance with

- UL2464, Multiple-conductor cable using non-integral jacket
- UL444
- RoHS Compliant

APPLICATION

- Remote control of automatic electrical equipment conditioning
- Industrial Machine Control
- Control Circuits, Security System, Process Control
- Building Automation System (BAS), Access Control
- RS-485, RS-232, SCADA, DCS and TCP/IP
- Internal wiring or external interconnection of electronic equipment
- Surveillance

ORDER INFORMATION

Part Number	Description	Color	Length	Package
CB-0324A	LINK BAS Twisted Pair Shield 2x24 AWG, 1 Pair	Gray	500 m	Roll
CB-0322A	LINK BAS Twisted Pair Shield 2x22 AWG, 1 Pair	Gray	500 m	Roll
CB-0318A	LINK BAS Twisted Pair Shield 2x18 AWG, 1 Pair	Gray	500 m	Roll
CB-0316A	LINK BAS Twisted Pair Shield 2x16 AWG, 1 Pair	Gray	500 m	Roll
CB-0314A	LINK BAS Twisted Pair Shield 2x14 AWG, 1 Pair	Gray	500 m	Roll
CB-0318AP	LINK BAS Twisted Pair Shield 2x18 AWG, 1 Pair, Outdoor	Black	500 m	Roll
CB-0316AP	LINK BAS Twisted Pair Shield 2x16 AWG, 1 Pair, Outdoor	Black	500 m	Roll
CB-0318A-1	LINK BAS Twisted Pair Shield 2x18 AWG, 1 Pair	Gray	100 m	Easy Box
CB-0318AP-1	LINK BAS Twisted Pair Shield 2x18 AWG, 1 Pair, Outdoor	Black	100 m	Easy Box
CB-0422A	LINK BAS Twisted Pair Shield 4x22 AWG, 2 Pair	Gray	500 m	Roll
CB-0418A	LINK BAS Twisted Pair Shield 4x18 AWG, 2 Pair	Gray	500 m	Roll
CB-0416A	LINK BAS Twisted Pair Shield 4x16 AWG, 2 Pair	Gray	500 m	Roll
CB-0414A	LINK BAS Twisted Pair Shield 4x14 AWG, 2 Pair	Gray	500 m	Roll
CB-0418AP	LINK BAS Twisted Pair Shield 4x18 AWG, 2 Pair, Outdoor	Black	500 m	Roll

CABLE CONSTRUCTION

Conductor Material	Stranded Bare Copper
Insulation Material	HDPE, Black, Red and White Color
Drain Wire Material	Stranded Tinned Copper, 7x0.20 mm (no. of wire x diameter)
Shielded Material	Aluminum Polyester Tape, Thickness 0.038 mm, 115% Individually pair shielded
Ripcord	3x150D
Jacket Material (indoor)	Lead Free, FR-PVC, Gray (RAL 7001)
Jacket Material (Outdoor)	UV-Proof PE, Black
Flame Rating	CM

TECHINICAL SPECIFICATION

Part Number	No. of Pairs	AWG	Conductor Diameter (No. x mm)	Insulation		Jacket	
				Thickness (mm)	Diameter (mm)	Thickness (mm)	Diameter (mm)
CB-0324A	1	24	7 x 0.20	0.25 ±0.05	1.10 ±0.05	0.60 ±0.05	3.6 ±0.3
CB-0322A	1	22	7 x 0.25	0.25 ±0.05	1.30 ±0.05	0.60 ±0.05	4.0 ±0.3
CB-0318A CB-0318A-1	1	18	16 x 0.25	0.40 ±0.05	2.00 ±0.05	0.80 ±0.05	5.8 ±0.3
CB-0316A	1	16	26 x 0.25	0.40 ±0.05	2.30 ±0.05	0.80 ±0.05	6.2 ±0.3
CB-0314A	1	14	41 x 0.25	0.60 ±0.05	3.00 ±0.05	0.90 ±0.05	8.0 ±0.3
CB-0318AP CB-0318AP-1	1	18	16 x 0.25	0.40 ±0.05	2.00 ±0.05	0.80 ±0.05	5.8 ±0.3
CB-0316AP	1	16	26 x 0.25	0.40 ±0.05	2.30 ±0.05	0.80 ±0.05	6.2 ±0.3
CB-0422A	2	22	7 x 0.25	0.25 ±0.05	1.30 ±0.05	0.60 ±0.05	4.8 ±0.3
CB-0418A	2	18	16 x 0.25	0.40 ±0.05	2.00 ±0.05	0.80 ±0.05	7.0 ±0.3
CB-0416A	2	16	26 x 0.25	0.40 ±0.05	2.30 ±0.05	0.80 ±0.05	7.8 ±0.3
CB-0414A	2	14	41 x 0.25	0.60 ±0.05	3.00 ±0.05	0.90 ±0.05	9.8 ±0.3
CB-0418AP	2	18	16 x 0.25	0.40 ±0.05	2.00 ±0.05	0.80 ±0.05	7.0 ±0.3

ELECTRICAL CHARACTERISTIC

Part Number	No. of Pairs	DCR Conductor (Ohm/km)	DCR Shielded (Ohm/km)	Capacitance Cond. to Cond. (pF/m)	Capacitance Cond. to Shield (pF/m)	Voltage (VAC/VDC)
CB-0324A	1	≤ 87.6	60.0	75	135	300
CB-0322A	1	≤ 52.0	60.0	72	132	300
CB-0318A CB-0318A-1	1	≤ 22.0	67.1	125	225	300
CB-0316A	1	≤ 13.7	20.0	63	121	300
CB-0314A	1	≤ 9.5	20.0	78	154	300
CB-0318AP CB-0318AP-1	1	≤ 22.0	67.1	125	225	300
CB-0316AP	1	≤ 13.7	20.0	63	121	300
CB-0422A	2	≤ 52.0	54.0	100	185	300
CB-0418A	2	≤ 22.0	46.0	130	237	300
CB-0416A	2	≤ 13.7	16.9	63	121	300
CB-0414A	2	≤ 9.5	18.0	78	154	300
CB-0418AP	2	≤ 22.0	46.0	130	237	300



PHYSICAL PROPERTIES

Tensile Strength	≥ 13.8 Mpa
Max. Recommended Pulling Tension	460N
Aged Tensile Strength	≥ 85%
Unaged Elongation	≥ 100%
Aged Elongation	≥ 50%
Cold Bend (-20°C x 4 hours)	No Crack
Operating Temperature Range	-10°C to 60°C
Min. Bend Radius (Install)	8 x OD

