



CB-0324AA
 CB-0322AA
 CB-0320AA
 CB-0318AA
 CB-0316AA
 CB-0314AA
 CB-0318AAP
 CB-0318AA-1
 CB-0318AAP-1

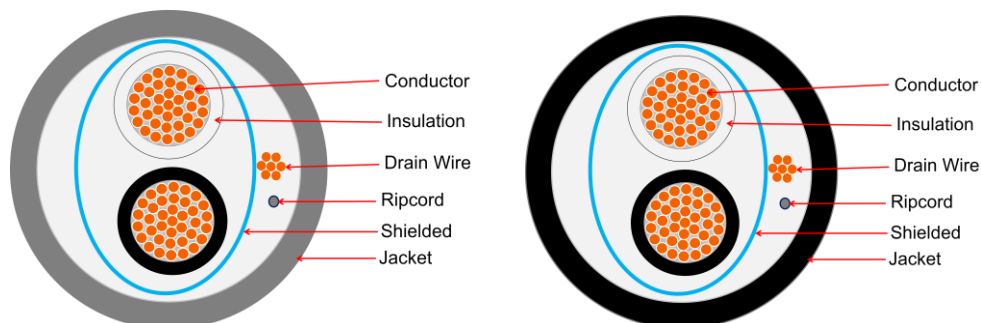


BAS SHIELDED TWISTED PAIR, TC, 1 Pair Cable

Scope of Applications

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

Drawing



Technical Standards

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

Applications Support

- 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



Cable Construction

Conductor	Material	Stranded Tinned Copper
Insulation	Material	HDPE, Black and Claer
Drain Wire	Material	Stranded Tinned Copper, 7x0.20 mm (no. of wire x diameter)
Shielded	Material	Aluminum Polyester Tape, individually shielded pairs with a spiral wrap 120% coverage
Ripcord		Yes
Jacket (indoor)	Material	Lead-Free, FR-PVC, Gray
	Flame Rating	CM
Jacket (Outdoor)	Material	UV-Proof PE, Black

Technical Specification

Part Number	No. of Pairs	AWG	Insulation	Jacket	
			Diameter (mm)	Thickness (mm)	Diameter (mm)
CB-0324AA	1	24	1.40 ±0.05	0.64 ±0.05	4.1 ±0.3
CB-0322AA	1	22	1.16 ±0.05	0.70 ±0.05	3.8 ±0.3
CB-0320AA	1	20	1.80 ±0.05	0.72 ±0.05	5.2 ±0.3
CB-0318AA	1	18	1.70 ±0.15	0.70 ±0.05	4.8 ±0.3
CB-0316AA	1	16	2.30 ±0.05	0.70 ±0.05	6.0 ±0.3
CB-0314AA	1	14	3.40 ±0.05	0.70 ±0.05	8.70 ±0.3
CB-0318AAP	1	18	1.70 ±0.15	0.70 ±0.05	4.8 ±0.3

Electrical Characteristics

Part Number	DCR Conductor (Ohm/km)	Min. Insulation Resistance (MΩ.km)	Dielectric Strength between Pairs (kV/min)	Voltage (VAC/VDC)
CB-0324AA	≤ 94.4	50	1.5	300
CB-0322AA	≤ 57.4	50	1.5	300
CB-0320AA	≤ 35.8	50	1.5	300
CB-0318AA	≤ 22.7	50	1.5	300
CB-0316AA	≤ 15.0	50	1.5	300
CB-0314AA	≤ 8.96	50	1.5	300
CB-0318AAP	≤ 22.7	50	1.5	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	-40°C to 80°C
Min. Bend Radius (Install)	8 x OD



Order Information

Part number	Description	Color	Length	Package
CB-0324AA	BAS, SHIELDED TWISTED PAIR TC 2C 24 AWG, 1 Pair Cable	Gray	500 m	Roll
CB-0322AA	BAS, SHIELDED TWISTED PAIR TC 2C 22 AWG, 1 Pair Cable	Gray	500 m	Roll
CB-0320AA	BAS, SHIELDED TWISTED PAIR TC 2C 20 AWG, 1 Pair Cable	Gray	500 m	Roll
CB-0318AA	BAS, SHIELDED TWISTED PAIR TC 2C 18 AWG, 1 Pair Cable	Gray	500 m	Roll
CB-0318AA-1	BAS, SHIELDED TWISTED PAIR TC 2C 18 AWG, 1 Pair Cable	Gray	100 m	Roll
CB-0316AA	BAS, SHIELDED TWISTED PAIR TC 2C 16 AWG, 1 Pair Cable	Gray	500 m	Roll
CB-0314AA	BAS, SHIELDED TWISTED PAIR TC 2C 14 AWG, 1 Pair Cable	Gray	500 m	Roll
CB-0318AAP	BAS, SHIELDED TWISTED PAIR TC 2C 18 AWG, 1 Pair, OUTDOOR Cable	Black	500 m	Roll
CB-0318AAP-1	BAS, SHIELDED TWISTED PAIR TC 2 C 18 AWG, 1 Pair, OUTDOOR Cable	Black	100 m	Roll

Specifications subject to change without notice.

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