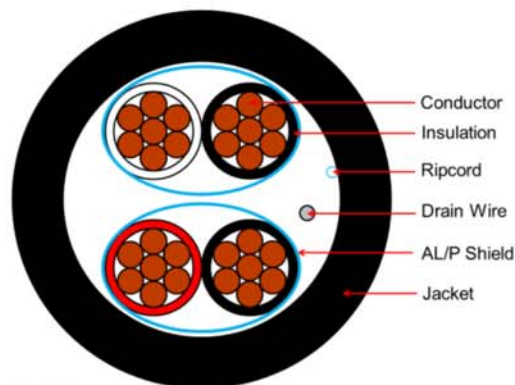


LINK BAS Twisted Pair Shield, Outdoor, 1 Pair



LINK BAS Twisted Pair Shield, Outdoor, 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 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



## ORDER INFORMATION

Part Number	Description	Color	Length	Package
CB-0318AP	LINK BAS Twisted Pair Shield 2x18 AWG, Outdoor, 1 Pair	Black	500 m	Roll
CB-0418AP	LINK BAS Twisted Pair Shield 4x18 AWG, Outdoor, 2 Pair	Black	500 m	Roll

## 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-0318AP	1	≤ 22.0	67.1	125	225	300
CB-0418AP	2	≤ 22.0	46.0	130	237	300

## 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** : HDPE
- **Jacket Color** : Black

Part Number	No. of Pairs	AWG	Conductor Diameter	Insulation		Jacket	
			(No. x mm)	Thickness (mm)	Diameter (mm)	Thickness (mm)	Diameter (mm)
CB-0318AP	1	18	16 x 0.25	0.40	2.00 ±0.05	0.80 ±0.05	5.8 ±0.3
CB-0418AP	2	18	16 x 0.25	0.40	2.00 ±0.05	0.80 ±0.05	7.0 ±0.3



**PHYSICAL PROPERTIES**

- **Tensile Strength** :  $\geq 13.8$  Mpa
- **Aged Tensile Strength** :  $\geq 85\%$
- **Unaged Elongation** :  $\geq 100\%$
- **Aged Elongation** :  $\geq 50\%$
- **Cold Bend (-20°C x 4 hours)** : No Crack
- **Operating Temperature Range** : -40°C to 75°C
- **Min. Bend Radius (Install)** : 8 x OD

**-END OF SPECIFICATION-**

