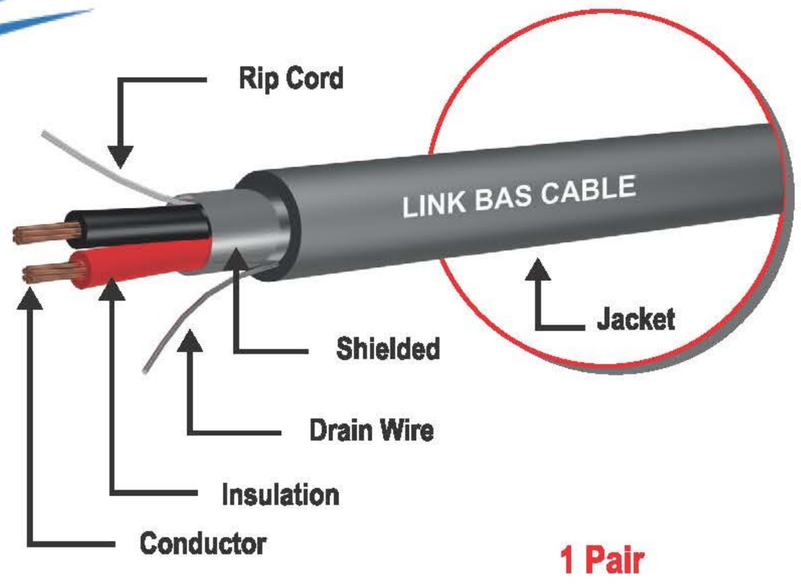
AMERICAN STANDARD

# BUILDING AUTOMATION SYSTEM (BAS) CABLE

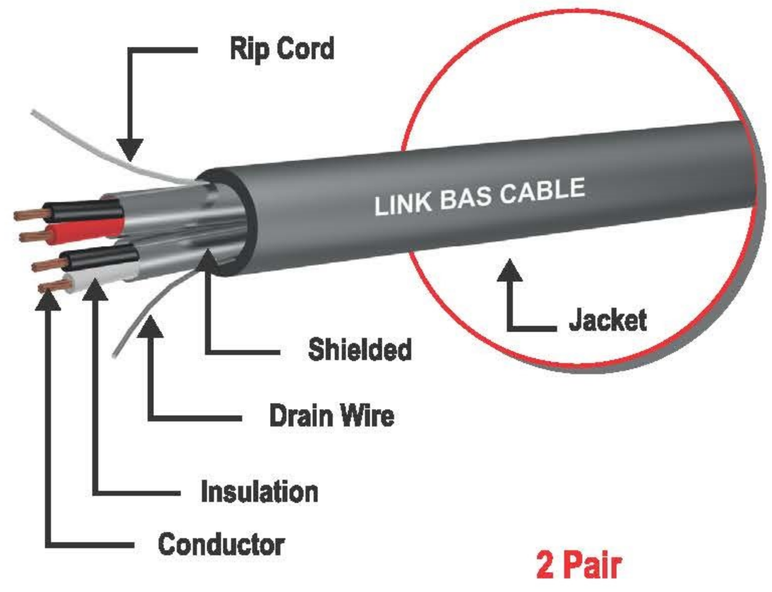
( LINK BAS Twisted Pair Shield Cable, 1,2 Pair )

LINK American Standard

NEW




1 Pair




2 Pair

## Features and Benefits

LINK BAS(Building Automation System), 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 Compliance

## Applications Support

- Computer signal wiring
- 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 Bare Copper
- **Number of pair** : 1 (2 conductors), 2 (4 conductors)
- **Insulation Material** : HDPE, Black and Red Color
- **Drain Wire Material** : Stranded Tinned Copper
- **Shielded Material** : Aluminum Polyester Tape, Thickness 0.038 mm, 115%
- **Jacket Material (Indoor)** : Lead Free, FR-PVC, Gray color
- **Jacket Material (Outdoor)** : UV, Proof PE, Black color
- **Operating Temperature Range** : -10°C to 60°C
- **Min. Bend Radius (Install)** : 8 x O.D.

## Cable Construction

| P/N | Flame Rating | Drain Wire (AWG) | Conductor Diameter | | Insulation | | Jacket | | Packaging |
|---|---|---|---|---|---|---|---|---|---|
| | | | AWG | mm | Thickness (mm) | Diameter (mm) | Thickness (mm) | Diameter (mm) | |
| **1 PAIR** | | | | | | | | | |
| CB-0324 | CM | 24 (7x0.20) | 24 | 7x0.20 | 0.29 | 1.18±0.05 | 0.70±0.04 | 3.8±0.2 | 500m/Roll |
| CB-0322 | CM | 24 (7x0.20) | 22 | 7x0.25 | 0.26 | 1.16±0.05 | 0.45±0.05 | 4.1±0.2 | 500m/Roll |
| CB-0318 | CM | 24 (7x0.20) | 18 | 7x0.40 | 0.34 | 1.70±0.05 | 0.45±0.05 | 4.1±0.2 | 500m/Roll |
| CB-0316 | CM | 18 (16x0.25) | 16 | 26x0.25 | 0.90 | 3.10±0.05 | 0.80±0.05 | 7.9±0.4 | 500m/Roll |
| CB-0314 | CM | 18 (16x0.25) | 14 | 19x0.36 | 0.90 | 3.60±0.05 | 0.90±0.05 | 9.3±0.5 | 500m/Roll |
| CB-0318P | Outdoor | 24 (7x0.20) | 18 | 7x0.40 | 0.34 | 1.70±0.05 | 0.45±0.05 | 4.1±0.2 | 500m/Roll |
| **2 PAIR** | | | | | | | | | |
| CB-0422 | CM | 24(7x0.20) | 22 | 7x0.25 | 0.26 | 1.16±0.05 | 0.48±0.05 | 4.1±0.2 | 500m/Roll |
| CB-0418 | CM | 24(7x0.20) | 18 | 7x0.40 | 0.34 | 1.70±0.05 | 0.45±0.05 | 5.2±0.3 | 500m/Roll |
| CB-0416 | CM | 18(16x0.25) | 16 | 26x0.25 | 0.90 | 3.10±0.05 | 0.80±0.05 | 9.1±0.2 | 500m/Roll |
| CB-0414 | CM | 18 (16x0.25) | 14 | 19x0.36 | 0.90 | 3.60±0.05 | 0.90±0.05 | 10.5±0.5 | 500m/Roll |
| CB-0418P | Outdoor | 24 (7x0.20) | 18 | 7x0.40 | 0.34 | 1.70±0.05 | 0.45±0.05 | 5.2±0.3 | 500m/Roll |