

BAS CABLE (BUILDING AUTOMATIC SYSTEM)



Applications/Usages

- Fire Alarm System
- Smoke Detector
- Critical Central Fire System
- Control Circuits
- Notification Circuits
- UL-RS485(1,000m. length)

Standard

- UL 1685 NEC type FPL

Physical Construction & Properties

Physical Construction	Properties
CONDUCTOR	Solid Bare Copper
INSULATION	105C Rated PVC (Black, Red)
CONFIG	2 or 4 Cores Twisted with Mylar Tape Wrapping
SHIELDING	AWG22 Stranded Tinned Copper Drain Wire, + 100% Overlapped AL/P-Foil Turning Inward
JACKET	105 C Rated PVC [Red]
VOLTAGE RATING	300 V
TEMP. RATING	105 C
FLAME TEST	VW-1 Vertical Flame Test



Ordering Informations

Part No.	Descriptions
BAS0122	BAS, TWISTED PAIR SHIELD 1 x 22AWG, 1PAIR
BAS0120	BAS, TWISTED PAIR SHIELD 1 x 20AWG, 1PAIR
BAS0118*	BAS, TWISTED PAIR SHIELD 1 x 18AWG, 1PAIR
BAS0116	BAS, TWISTED PAIR SHIELD 1 x 16AWG, 1PAIR
BAS0222	BAS, TWISTED PAIR SHIELD 2 x 22AWG, 2 PAIR
BAS0220	BAS, TWISTED PAIR SHIELD 2 x 20AWG, 2 PAIR
BAS0218*	BAS, TWISTED PAIR SHIELD 2 x 18AWG, 2 PAIR
BAS0216	BAS, TWISTED PAIR SHIELD 2 x 16AWG, 2 PAIR

* Best Seller

Electrical Characteristic

Part No.	UL NEC type	No. of Pair	Nom. Conductor (AWG)	Nom. Conductor (No./mm)	Nom. Insulation (inch / mm)	Drain Wire (Size)	Jacket thick (mm)	Nom. OD	Standard Color
BAS0122	UL1685 CM	1	22	7/0.254	0.02/0.41	AWG22	0.64 ± 0.15	4.5	Grey
BAS0120	UL1685 CM	1	20	7/0.321	0.02/0.41	AWG20	0.71 ± 0.15	5.2	Grey
BAS0118	UL1685 CM	1	18	16/0.254	0.02/0.46	AWG20	0.71 ± 0.15	5.7	Grey
BAS0116	UL1685 CM	1	16	26/0.254	0.03/0.81	AWG18	0.81 ± 0.15	7.9	Grey

Standard Packing : 500M/Roll

Part No.	UL NEC type	No. of Pair	Nom. Conductor (AWG)	Nom. Conductor (No./mm)	Nom. Insulation (inch / mm)	Drain Wire (Size)	Jacket thick (mm)	Nom. OD	Standard Color
BAS0222	UL1685 CM	2	22	7/0.254	0.02/0.41	AWG22	0.64 ± 0.15	5.3	Grey
BAS0220	UL1685 CM	2	20	7/0.321	0.02/0.41	AWG20	0.71 ± 0.15	6.0	Grey
BAS0218	UL1685 CM	2	18	16/0.254	0.02/0.46	AWG20	0.71 ± 0.15	6.5	Grey
BAS0216	UL1685 CM	2	16	26/0.254	0.03/0.81	AWG18	0.81 ± 0.15	8.7	Grey

Standard Packing : 500M/Roll