

FIRE ALARM CABLE, 105C



Applications/Usages

- Fire Alarm System
- Smoke Detector
- Critical Central Fire System
- Control Circuits
- Notification Circuits

Standard

- UL 1685 NEC type FPL
- UL 1666 NEC type FPLR 300v

Ordering Informations

Part No.	Descriptions
FA0120	FIRE ALARM, SHIELD 2 X 20AWG, 1 PAIR, FPL
FA0118*	FIRE ALARM, SHIELD 2 X 18AWG, 1 PAIR, FPL
FA0116*	FIRE ALARM, SHIELD 2 X 16AWG, 1 PAIR, FPL
FA0114*	FIRE ALARM, SHIELD 2 X 14AWG, 1 PAIR, FPL
FA0112	FIRE ALARM, SHIELD 2 X 12AWG, 1 PAIR, FPL
FA0120R	FIRE ALARM, SHIELD 2 X 20AWG, 1 PAIR, FPLR
FA0118R*	FIRE ALARM, SHIELD 2 X 18AWG, 1 PAIR, FPLR
FA0116R*	FIRE ALARM, SHIELD 2 X 16AWG, 1 PAIR, FPLR
FA0114R	FIRE ALARM, SHIELD 2 X 14AWG, 1 PAIR, FPLR
FA0112R	FIRE ALARM, SHIELD 2 X 12AWG, 1 PAIR, FPLR

* Best Seller

Physical Construction & Properties

Physical Construction	Properties
CONDUCTOR	Solid Bare Copper
INSULATION	105C Rated PVC (Black, Red)
CONFIG	2 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

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
FA0120	UL1685 FPL	1	20	1/0.81	0.008/0.2	AWG22	0.8 ± 0.15	5.5	Red
FA0118	UL1685 FPL	1	18	1/1.02	0.015/0.4	AWG22	0.9 ± 0.15	5.9	Red
FA0116	UL1685 FPL	1	16	1/1.29	0.015/0.4	AWG22	0.9 ± 0.15	6.1	Red
FA0114	UL1685 FPL	1	14	1/1.63	0.023/0.6	AWG22	1.0 ± 0.15	7.8	Red
FA0112	UL1685 FPL	1	12	1/2.05	0.023/0.6	AWG22	1.1 ± 0.15	8.7	Red

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
FA0120R	UL1666 FPLR	1	20	1/0.81	0.008/0.2	AWG22	0.8 ± 0.15	5.5	Red
FA0118R	UL1666 FPLR	1	18	1/1.02	0.015/0.4	AWG22	0.9 ± 0.15	5.9	Red
FA0116R	UL1666 FPLR	1	16	1/1.29	0.015/0.4	AWG22	0.9 ± 0.15	6.1	Red
FA0114R	UL1666 FPLR	1	14	1/1.63	0.023/0.6	AWG22	1.0 ± 0.15	7.8	Red
FA0112R	UL1666 FPLR	1	12	1/2.05	0.023/0.6	AWG22	1.1 ± 0.15	8.7	Red

Standard Packing : 500M/Roll