Application:

Used for interconnection of electrical devices within a security & fire protective signaling system.

For use in dry or damp locations.

Applicable Standards

TechLine/Amwaj Fire Alarm Unshielded Cables are designed and tested to meet or exceed the requirements of UL1424 standard. However, TechLine/Amwaj can also supply a range of alternative designs to meet customer-specified requirements.

Specification:

Conductor

Solid annealed copper conductor according to UL 1581.

Insulation:

Solid extruded PVC insulation with rating 105 °C at normal operation.

Core Identification:

The insulated cores will be Red and Black

Assembly:

The two insulated cores are uniformly twisted together to form the cable core.

Sheath:

Solid extruded Flame Retardant PVC sheath with rating 90 °C at normal operation w i t h Red Color

Packing:

Available in standard length of 1000 meters on wooden drum

(Other lengths are available upon request)

Marking:

TechLine Fire alarm Unshielded Cable 2*14 AWG CU/PVC/PVC 300 V

TECHNICAL DATA:

Size	Wire Diam.	Max. DC conductor Resistance.	Insulation Thickness	Sheathing Thickness	Nominal Outer Diameter	Approx.Net Weight	Current Carry Capacity at 30C ambient temperature		Ordering Information
(AWG)	(MM)	(ohm/km at 20C °c)	(MM)	(MM)	(MM)	(Kg/km)	Ampere (Air)	Ampere (Conduit)	Item Code
18	1.02	21.9	0.4	1.1	5.8	55	6	4	FLR2c18
16	1.29	13.7	0.4	1.1	6.4	68	8	6	FLR2c16
14	1.63	8.45	0.52	1.3	7.8	103	25	20	FLR2c14
12	2.05	5.31	0.52	1.3	8.5	116	30	25	FLR2c12