

FIRE ALARM CABLE



Application	: These cables are used in commercial complexes, schools, hospitals, educational institutions, high rise buildings etc. for the connection with security systems like fire & smoke alarms and detectors, emergency lightings, exit signboards and fire command center.
Standards	: BS 7629-1
Conductor	: Solid (Class-1) or Stranded (Class-2) annealed plain copper conductors to BS EN 60228
Insulation	: Glass mica fire resistant tape + Type EI-5 (XL-LSZH) as per BS EN 50363-5
Core Colour	: 2C: Brown & Blue 3C: Brown, Black & Grey 4C: Blue, Brown, Black & Grey
Overall Screening	: Aluminium backed mylar tape is applied helically with an overlap of Minimum 20% or applied longitudinally with an overlap of Minimum 1mm. Metallic element in contact with the uninsulated circuit protective conductor throughout the longitudinal length.
Outer Sheath	: The sheath shall be of Low smoke, halogen free and flame retardant compound complying with BS 7655-6.1 type LTS 3 in Red colour.
Voltage Rating	: 300/500 Volts
Maximum Continuous Conductor Operating Temperature	: 70°C
Short Circuit Temperature	: 250°C (Max. 5 Seconds)
Flame Retardant	: BS EN 60332-1-2
Fire Resistant	: BS 6387 protocol CWZ BS EN 50200 PH 120
Max. HCL Gas Emission	: 0.5% (BS EN 60754-1)
Smoke Density	: BS EN 61034-2 (Light Transmittance of min 80%)

Catalogue Number	Number of Core and Nominal Cross Section Area	Class of conductor	Radial Insulation Thickness	Cross sectional area of Circuit Protective Conductor (CPC)	Class of Circuit Protective Conductor (CPC)	Nominal Sheath Thickness	Approx Overall Dia	Approx. Weight of Finished Cable
	SQ.MM	-	MM	SQ.MM	-	MM	MM	Kg/Km
NFARDCEL2C0010S05	2 X 1.0	1	0.6	1.0	1	0.9	9.1	95
NFARDCEL2C0010ST05	2 X 1.0	2	0.6	1.0	2	0.9	9.4	100
NFARDCEL2C0015S05	2 X 1.5	1	0.7	1.5	1	0.9	10.0	120
NFARDCEL2C0015ST05	2 X 1.5	2	0.7	1.5	2	0.9	10.4	125
NFARDCEL2C0025S05	2 X 2.5	1	0.8	2.5	1	1.0	11.4	170
NFARDCEL2C0025ST05	2 X 2.5	2	0.8	2.5	2	1.0	11.9	175
NFARDCEL2C0040S05	2 X 4.0	1	0.8	4.0	1	1.1	12.6	230
NFARDCEL2C0040ST05	2 X 4.0	2	0.8	4.0	2	1.1	13.1	235
NFARDCEL3C0015S05	3 X 1.5	1	0.7	1.5	1	0.9	10.6	155
NFARDCEL3C0015ST05	3 X 1.5	2	0.7	1.5	2	0.9	11.0	160
NFARDCEL3C0025S05	3 X 2.5	1	0.8	2.5	1	1.0	12.1	215
NFARDCEL3C0025ST05	3 X 2.5	2	0.8	2.5	2	1.0	12.6	220
NFARDCEL3C0040S05	3 X 4.0	1	0.8	4.0	1	1.1	13.3	290
NFARDCEL3C0040ST05	3 X 4.0	2	0.8	4.0	2	1.1	13.9	300
NFARDCEL4C0015S05	4 X 1.5	1	0.7	1.5	1	1.0	11.7	190
NFARDCEL4C0015ST05	4 X 1.5	2	0.7	1.5	2	1.0	12.3	205
NFARDCEL4C0025S05	4 X 2.5	1	0.8	2.5	1	1.1	13.4	270
NFARDCEL4C0025ST05	4 X 2.5	2	0.8	2.5	2	1.1	14.0	280
NFARDCEL4C0040S05	4 X 4.0	1	0.8	4.0	1	1.2	14.8	365
NFARDCEL4C0040ST05	4 X 4.0	2	0.8	4.0	2	1.2	15.4	375

Notes: Cables can be supplied in Coil/Reel/Drum with meters/yards/feet.

The above data are indicative & may be changed without prior information.