

Fire Resistance Cables Non Armoured

STRANDED Copper

Fire Resistant

Single Core

450/750 V

Applications:

These cables are used in hazardous areas where safety and circuit integrity are highly required during fire conditions.

Construction:

1. CONDUCTOR

Copper, Stranded class 2

2. FIRE RESISTANCE MATERIAL

MICA Glass Tape

3. INSULATION

Low Smoke Halogen Free [LSHF]

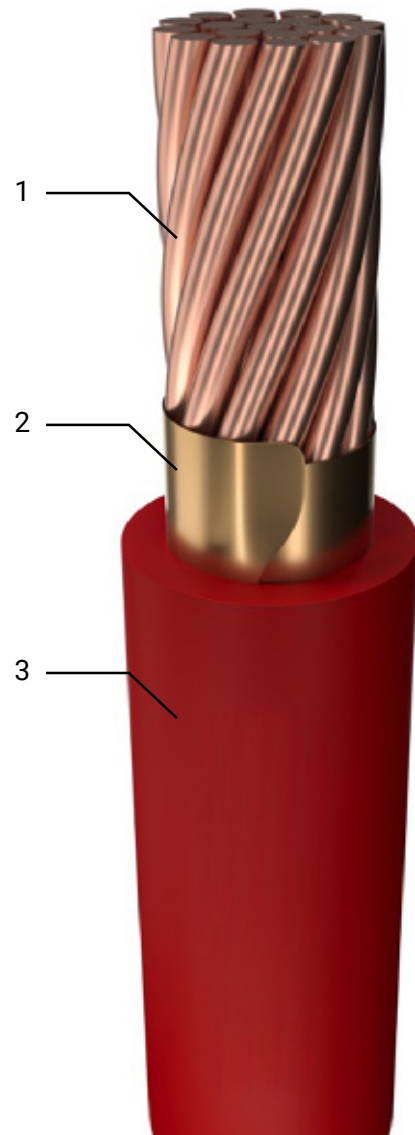
Rated Voltage:

450/750 V

Standard:

BS 8592

BS 50525-3-41



Fire Resistance Cables Non Armoured

CU/MICA/LSHF 1 Core

Product Code	Conductor Size	Overall Diameter	Cable Weight	Max. Conductor Resistance		Current Ratings	
	(mm ²)	(mm)	(kg/km)	DC at 20 °C	AC at 90 °C	In Free Air	In Pipes
				Ω/Km	Ω/Km	A	A
01C01.5CTMLB0000	1.5	3.7	26	12.1	15.43	21	19
01C02.5CTMLB0000	2.5	4.3	37	7.41	9.45	30	25
01C004CTMLB0000	4	4.9	54	4.61	5.88	40	33
01C006CTMLB0000	6	5.4	73	3.08	3.93	49	43
01C010CTMLB0000	10	6.6	116	1.83	2.34	69	62
01C016CTMLB0000	16	7.5	171	1.15	1.47	94	84
01C025CTMLB0000	25	9.0	262	0.727	0.93	118	81
01C035CTMLB0000	35	10.1	355	0.524	0.67	147	100
01C050CTMLB0000	50	11.8	480	0.387	0.5	197	122
01C070CTMLB0000	70	13.4	671	0.268	0.35	230	151
01C095CTMLB0000	95	15.3	921	0.193	0.25	289	191
01C120CTMLB0000	120	16.9	1155	0.153	0.2	337	219
01C150CTMLB0000	150	18.5	1434	0.124	0.16	385	252
01C185CTMLB0000	185	20.6	1778	0.0991	0.13	449	288
01C240CTMLB0000	240	23.3	2298	0.0754	0.1	542	345
01C300CTMLB0000	300	25.9	2872	0.0601	0.08	621	391
01C400CTMLB0000	400	29.1	3679	0.047	0.06	681	582
01C500CTMLB0000	500	32.6	4750	0.0366	0.05	760	629
01C630CTMLB0000	630	36.5	6014	0.0283	0.04	853	714

Installation Conditions for above ratings:

Ambient Air Temperature : 30°C

Duct Temperature : 20°C

The above dimensions are approximate and subject to manufacturing tolerance.