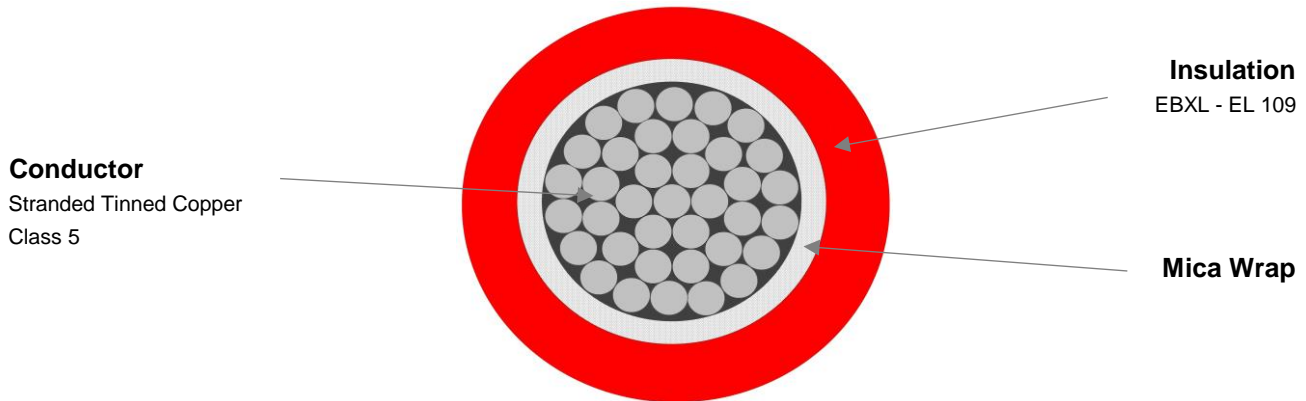


FIRE RESISTANT F-LITE, 600/1000V HALOGEN FREE POWER CABLE EBXL EL109, 90°C ROLLING STOCK CABLE

The complete requirements for procuring the wire described herein shall consist of this document.



Part Description	Cross Section (mm²)	Conductor Construction No. of strands x Strand Diameter Nos x mm	Conductor Diameter	Conductor Resistance	Insulation Thickness	Overall Diameter		Cable Weight
			(mm) Nom.	(Ω/km) Max.	(mm) Nom.	(mm) Min.	(mm) Max.	(kg/km) Approx.
FLITE600-1.00-*	1.0	32 X 0.20	1.25	20.0	0.6	2.8	3.2	17
FLITE600-1.50-*	1.5	30 X 0.25	1.5	13.7	0.7	3.3	3.7	24
FLITE600-2.50-*	2.5	50 X 0.25	1.95	8.21	0.7	3.8	4.2	35
FLITE600-4.0-*	4	56 X 0.30	2.5	5.09	0.7	4.5	5.1	48
FLITE600-6.0-*	6	84 X 0.30	3.0	3.39	0.7	4.9	5.8	67
FLITE600-10-*	10	80 X 0.40	3.9	1.95	0.7	5.8	6.4	105
FLITE600-16-*	16	126 X 0.40	5.0	1.24	0.7	6.7	7.5	165
FLITE600-25-*	25	196 X 0.40	6.4	0.795	0.9	8.6	9.6	255
FLITE600-35-*	35	276 X 0.40	7.7	0.565	0.9	10.0	11.1	345
FLITE600-50-*	50	396 X 0.40	9.2	0.393	1.0	11.6	12.6	495
FLITE600-70-*	70	360 X 0.50	11.0	0.277	1.1	12.6	15.7	690
FLITE600-95-*	95	475 X 0.50	12.5	0.210	1.1	15.0	17.4	915
FLITE600-120-*	120	608 X 0.50	14.2	0.164	1.2	16.9	19.6	1155
FLITE600-150-*	150	756 X 0.50	15.8	0.132	1.4	19.0	22.0	1440
FLITE600-185-*	185	925 X 0.50	17.5	0.108	1.6	21.2	24.5	1780
FLITE600-240-*	240	2013 X 0.50	25.8	0.0495	2.0	23.9	27.7	3800

Marking

The cables shall be marked:

"TE Raychem EN 50264-3-1 EN 50200 PH120 600V 1X\$ MM/YYYY"

Where "\$" = The nominal conductor cross-sectional area

Spaced ≤ 550mm longitudinally, measurement taken from beginning of mark.



Specification Control Drawing

FLITE600
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FIRE RESISTANT F-LITE, 600/1000V HALOGEN FREE POWER CABLE EBXL EL109, 90°C ROLLING STOCK CABLE

The complete requirements for procuring the wire described herein shall consist of this document.

Technical Data

Temperature Range -20°C to +90°C

Rated Voltage: 600 / 1000 V AC

Specification: BS EN 50264-3-1*

Conductor: BS EN 60228 Class 5

In addition to BS EN 50264-3-1* Specification, products also meet fire performance tests as per:

EN 45545-2

EN 50200

* Meets physical testing requirements of EN 50264-3-1. Does not comply with dimensional, marking or colour requirements.

Approval

Electronic sign off - no signatures will appear.