

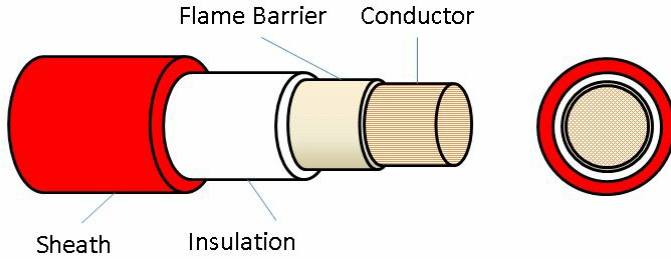
SINGLE CORE FLEXIBLE, FIRE RATED POWER CABLE, 0.6/1KV HFS-110-TP

FIRE RATED CABLES

MICA TAPE X-HF 110 INSULATED HSF-110-TP SHEATHED TO AS/NZS 5000.1 & AS/NZS 3013

CABLE APPLICATION

Description
2 Hour Fire Rated extra flexible power cables. Supply for essential circuits like mains and other areas



CABLE DESIGN

Conductor
Flexible annealed bare copper conductor wire, based on IEC 60228 and AS/NZS 1125 Class 5 & 6

Insulation
Triple layers Mica tape wrapped
X-HF-110 compound, complies to AS/NZS 3808, colour is natural.

Outer Sheath
HFS-110-TP compound, complies to AS/NZS 3808, colour is red.

Properties
Max service temperature: 110°C
Min. Service Temperature: -40°C
Max. Short Circular Temperature: 250°C (5s)
Bending radius 12 x cable diameter
Extra flexible conductor: Class 5 & 6
Chemical resistance: Good
Oils Resistance: Excellent
Impact Resistance: AS/NZS 3013
Fire resistance: 950°C/2h
Flame Retardant: AS/NZS 3013
UV Resistance
Low Smoke Zero Halogen
AS3103 WS Fire Rating
WS52W

CHARACTERISTICS

Part Number	Conductor			Cable			
	Nom. Area mm ²	Stranding	Nom. Insulation Thickness mm	Nom. Insulation Dia. mm	Nom. Sheath Thickness mm	Overall Sheath Dia.	Approx. Mass Kg/100m
FFR7135C	10	140/0.30	0.7	7.3	1.4	10.1	16.3
FFR7170C	16	224/0.30	0.7	8.4	1.4	11.2	22.4
FFR19135C	25	346/0.30	0.9	10.2	1.4	13.0	32.1
FFR19153C	35	496/0.30	0.9	11.4	1.4	14.2	42.4
FFR19178C	50	714/0.30	1.0	13.4	1.5	16.4	58.6
FFR19214C	70	358/0.50	1.1	15.6	1.5	18.6	81.4
FFR37178C	95	493/0.50	1.1	17.1	1.6	20.3	100.2
FFR37203C	120	620/0.50	1.2	18.8	1.6	22.0	125.2
FFR37225C	150	770/0.50	1.4	20.9	1.7	24.3	156.5
FFR37252C	185	897/0.50	1.6	23.3	1.8	26.9	186.2
FFR61225C	240	1199/0.50	1.7	27.0	1.9	30.8	248.9
FFR61252C	300	1518/0.50	1.8	28.7	2.0	32.7	307.3
FFR61285C	400	2035/0.50	2.0	32.9	2.1	37.1	402.7
FFR61320C	500	2572/0.50	2.2	36.5	2.2	40.9	501.6
FFR127252C	630	3234/0.50	2.4	41.4	2.4	46.2	629.4

0.6/1KV SINGLE FFR 110

CMI Head Office NSW | (02) 9807 6155 | F3, 3-29 Birnie Ave, Lidcombe, NSW, 2141 | nswsales@cmielectrical.com.au
CMI QLD-Brisbane
 (07) 3863 0749
 485A Zillmere Road,
 Zillmere QLD 4034
 southqldsales@cmielectrical.com.au

CMI QLD – Rockhampton
 (07) 4921 0978
 Shop 3 at 76 Hollingsworth Street,
 North Rockhampton Qld 4701
 northqldsales@cmielectrical.com.au

CMI VIC
 (03) 9532 1233
 3 Dissik Street,
 Cheltenham VIC 3192
 vicsales@cmielectrical.com.au

CMI WA
 (08) 9358 1788
 36 Division Street,
 Welshpool WA 6106
 wasales@cmielectrical.com.au