

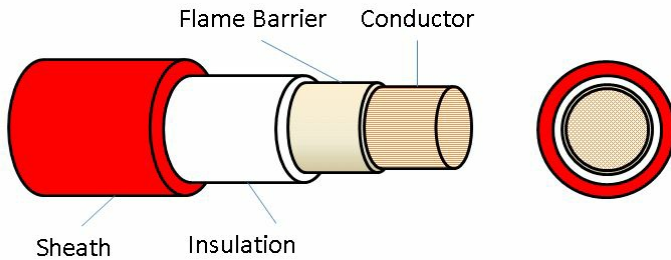
SINGLE CORE FLEXIBLE, FIRE RATED POWER CABLE, 0.6/1KV HFS-110-TP

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

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