

Fire Rated Series FR3013

FIRE RESISTANT POWER & CONTROL CABLE, 0.6/1KV, AS/NZS 5000.1

#1550



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AS/NZS 3013 Fire Resistant Cable

CONSTRUCTION

Conductors

Flexible bare copper wire stranding; class 5 according to IEC 60228 and AS/NZS 1125 with Glass Mica Tape Flame Barrier.

Insulation

Cross-linked, halogen-free, flame retardant compound type X-HF-110 acc. to AS/NZS 3808

Sheath

Flexible, thermoplastic, low smoke, halogen-free compound having reduced flame propagation when exposed to a fire, type HFS-110-TP acc. to AS/NZS 3808

Colour Of Outer Sheath

Red

FEATURES, RATINGS & APPROVALS

Temperature Rating

-25 to 110°C

Voltage Rating

0.6/1kV

Minimum bending radius

8 x cable OD

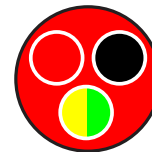
Features

Low Smoke & Halogen Free

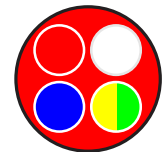
Standards

- » AS/NZS 5000.1
- » AS/NZS 1660.5.1 / IEC 60332-3-22
- » AS/NZS 1660.5.2 / IEC 61034-2
- » AS/NZS 1660.5.3 / IEC 60754-1
- » AS/NZS 1660.5.4 / IEC 60754-2
- » AS/NZS 1660.5.5 / IEC 60331
- » AS/NZS 3013 / Cat WS52W

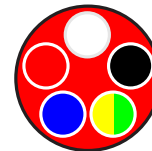
Item No.	Conductor	Earth	Cable OD
2 Core and Earth			
TF-G-025236	1.5mm	1.5mm	11.2mm
TF-G-025237	2.5mm	2.5mm	12.3mm
TF-G-025238	4mm	2.5mm	12.9mm
TF-G-022522	6mm	2.5mm	13.8mm
3 Core and Earth			
TF-G-018996	1.5mm	1.5mm	12.3mm
TF-G-025239	2.5mm	2.5mm	13.5mm
4 Core and Earth			
TF-G-025242	2.5mm	2.5mm	14.8mm
TF-G-025243	4mm	2.5mm	16.1mm
TF-G-022524	6mm	2.5mm	17.6mm
TF-G-022528	16mm	6mm	23.2mm
TF-G-122512	25mm	6mm	25.7mm
Multi-Core - 12 Core			
TF-G-036446	12G 1.5mm	1.5mm	19.4mm



3 core



4 core



5 core

CURRENT RATINGS FOR FR3013 FIRE RATED SERIES

Conductor	Unenclosed							
	Spaced	Spaced	Touching	Touching	In Conduit	In Conduit	Fully in insulation	Fully in insulation
mm2	2	3&4	2	3&4	2	3&4	2	3&4
1.5	32	28	30	26	26	22	15	13
2.5	43	36	41	34	34	29	20	18
4	57	48	54	45	46	39	28	24
6	72	61	67	58	58	49	35	30
16		113		106		90		54
25		150		140		120		72



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