

FIRE & SECURITY CABLE

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SECURITY CABLE



Fire Cable

(BMT, BWT, DMAC)

V90 PVC insulated 450/750V

Applications

Fire System and Sounder Wiring

Product Specifications

Construction:

Conductor: Tinned Annealed Copper to AS/NZS1125

Drawn from Class 102 copper to AS/NZS1574

Insulation: Coloured V90 PVC to AS/NZS 3808

Sheath: Coloured 5V90 PVC to AS/NZS3808

Relevant Standard: AS/NZS5000.2

Core Identification: 2 Core - 1. Red 2. Black



Current Code	New Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20° c (Ω/KM)	Nominal OD
Twisted Pair Fire Cable						
BMT224020	BMT02/0.75	2	0.75	24/0.2	24	7.4
BMT216032	BMT02/1.25	2	1.25	16/0.32	14	7.9
Flat Fire Cable						
BWT2704	BWT02/1.0	2	1.0	7/0.4	21.6	4.2 x 6.7
BWT2705	BWT02/1.5	2	1.5	7/0.5	13.8	4.5 x 7.2
Screened Fire Cable						
DMAC216032	DMAC02/1.25	2	1.25	16/0.32	13.8	7.9

Security Cable (SEC, SMC, SET, SMT)

V75 PVC Insulated

Applications

Security and Access Control Wiring (Residential and Commercial)

Product Specifications

Construction:

Conductor: Plain and Tinned Annealed Copper

Drawn from Class 102 copper to AS/NZS1574

Insulation: Coloured V75 PVC to AS/NZS 3808 and LSZH

Sheath: Coloured 4V75 PVC to AS/NZS3808 and LSZH

Relevant Standard: CCL A95/CA/0153

Core Identification

2 Core – 1. Red 2. Black

4 Core – 1. Red 2. Black 3. White 4. Blue

6 Core – 1. Red 2. Black 3. White 4. Blue 5. Green 6. Yellow

8 Core – 1. Red 2. Black 3. White 4. Blue 5. Green 6. Yellow 7. Brown 8. Violet



Current Code	New Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
Plain Copper Wire						
SEC472	SEC04/0.22	4	0.22	7/0.4	89.5	3.9
SEC672	SEC06/0.22	6	0.22	7/0.4	89.5	4.6
SEC4142	SEC04/0.44	4	0.44	14/0.2	44.8	4.8
SEC6142	SEC06/0.44	6	0.44	14/0.2	44.8	5.5
SMC81402	SMC08/0.44	8	0.44	14/0.2	44.8	6.5
Tinned Copper Wire						
SET472	SET04/0.22	4	0.22	7/0.2	89.5	3.9
SET672	SET06/0.22	6	0.22	7/0.2	89.5	4.6
SET4142	SET04/0.44	4	0.44	14/0.2	44.8	4.8
SET6142	SET06/0.44	6	0.44	14/0.2	44.8	5.5
SMT81402	SMT08/0.44	8	0.44	14/0.2	44.8	6.5
LSZH Plain Copper Wire						
SMLS41402	SMLS04/0.44	4	0.44	14/0.2	44.8	4.8
SMLS61402*	SMLS06/0.44	6	0.44	14/0.2	44.8	5.5
SMLS81402*	SMLS08/0.44	8	0.44	14/0.2	44.8	6.5
Twin Trurip						
LEC2142	SEFE-0.4	2	0.4	14/0.2	45	1.6 x 3.3
LEC2242	SEFE-0.75	2	0.75	24/0.2	26.5	2.3 x 5.0

*MTO - please enquire

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