

SPECIALIST CABLE

PAGE 1

SOLAR CABLE

PAGE 2

GARDEN LIGHTING

PAGE 3

TRAFFIC LOOP CABLE

PAGE 4

EXPLOSIVE CABLE

PAGE 5

VSD CABLE

PAGE 6

BARE COPPER CABLE



Solar Cable (H1Z2Z2)

EN50618/IEC62930 DC 1.5kV

Applications

Recreational Vehicle and Solar Panel Installations

Product Specifications

Construction:

Conductor: Tinned Annealed Copper

Insulation: Coloured XLPO insulated

Sheath: Coloured XLPO Sheath

Relevant Standard: EN50618/IEC62930

Core Configuration:

Single Core – 1. Black

2 Core – 1. Black, 2. Red



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Voltage Drop Single Phase mV/Am at 75°C
SOL1/4.0-BK	1	4	56/0.29	5.09	5.5	11.2
SOL1/6.0-BK*	1	6	84/0.29	3.39	6	7.5
SOL2/4.0-BK	2	4	56/0.29	5.09	5.5 x 11.4	11.2
SOL2/6.0-BK	2	6	84/0.29	3.39	6 x 12.1	7.5
SOL2/10.0-BK	2	10	142/0.29	1.95	8.2 x 16.9	4.46

*MTO-Please Enquire

Garden Lighting Cable (LFD)

V90HT PVC Insulated 0.6/1KV

Applications

Garden Lighting

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS1125

Drawn from Class 110A Copper AS/NZS1574

Insulation: Coloured UV Resistant V90HT PVC to AS/NZS 3808

2 core Parallel Webbed (Figure 8)

Sheath: N/A

Relevant Standard: AS/NZS1125, AS/NZS1574, AS/NZS3808

Voltage: ELV 60V DC, 25V AC.



Current Code	New Code	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance 20°c (Ω/KM)	Nominal OD
LFD23202	GLFE-1	1	32/0.2	26.7	2.6 x 5.7
LFD230025	GLFE-1.5	1.5	30/0.25	13.7	4.0 x 8.3
LFD212702	GLFE-4	4	127/0.2	4.63	4.7 x 9.5
LFD219202	GLFE-6	6	192/0.2	3.1	5.5 x 11.5
LFD232202	GLFE-10	10	322/0.2	1.83	6.0 x 12.5

Traffic Loop Cable (HSQ)

Polypropylene insulated

Applications

Underground Traffic Light and Gate Control Cable

Product Specifications

Construction:

Conductor: Plain Annealed Copper to AS/NZS1125

Drawn from Class 110A Copper AS/NZS1574

Insulation: Coloured Polypropylene Insulation: Black

Sheath: N/A

Relevant Standard: AS/NZS1574, AS/NZS1125



Current Code	New Code	No of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance 20°c (Ω/KM)	Nominal OD
HSQ1705	HSQ1/1.5	1	1.5	7/0.5	13.8	6.0

Explosives Cable (EXR)

Semi Rigid V75 PVC Insulated

Applications

Mining, Detonation Signal

Product Specifications

Construction:

Conductor: Plain Annealed Copper

Drawn from Class 102 copper to AS/NZS1574

Insulation: Coloured Semi Rigid V75 PVC to AS/NZS3808

Sheath: N/A

Relevant Standard: AS/NZS3808, AS/NZS1125, and AS/NZS1574

Core Configuration: Left Hand Lay,

1. Red, 2. Green.



Current Code	New Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Elongation Minimum	Electrical Resistance Max (Ω/KM)	Nominal OD
EXR21061	EXTT-2/0.61	2	0.29	1/0.61	25%	64	1.4
EXR21071	EXTT-2/0.71	2	0.4	1/0.71	25%	46	1.45

VSD Cable

X90 XLPE Insulated 0.6/1KV

Applications

VSD's where RFI, EMI
protection is required

Product Specifications

Construction:

Conductor: Stranded Tinned Copper to AS1125

Drawn from Class 5 Copper IEC60228

Insulation: Coloured X90 XLPE to AS/NZS 3808

Sheath: 5V-90 PVC

Relevant Standard: AS/NZS1125, AS/NZS1574, AS/NZS3808

Voltage: 0.6/1KV



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance 20°C (Ω/KM)	Nominal OD
VSD04/1.5	4	1.5	32/0.25	12.5	11.6
VSD04/2.5	4	2.5	50/0.25	7.5	12.8
VSD04/4	4	4	56/0.3	4.6	14.2
VSD04/6	6	6+E1.5	84/0.3	3.4	15.4
VSD04/10	6	10+E1.5	80/0.4	1.95	16.5

Plain Annealed Bare Copper

Applications

Grounding, Motor Winding, Building Wiring

Product Specifications

Construction:

Conductor: Stranded Copper to AS1125 Class 2

Relevant Standard: AS/NZS1125



Code	Nominal Area (mm ²)	Strand No./ Size	Electrical Resistance 20°c (Ω/KM)	Nominal OD
PABC16	16	7 / 1.70	1.15	5.15
PABC25	25	19 / 1.35	0.727	6.70
PABC35	35	19 / 1.53	0.524	7.65
PABC50	50	19 / 1.78	0.387	8.90
PABC70	70	19 / 2.14	0.268	11.9
PABC95	95	37 / 1.78	0.193	12.45
PABC120	120	37 / 2.03	0.153	14.2
PABC150	150	37 / 2.25	0.124	15.75
PABC185	185	37 / 2.52	0.0991	18.15
PABC240	240	61 / 2.25	0.0754	20.25