

SPECIALIST CABLE

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Solar Cable (HFXT, HDXT)

PV1-F XLPE insulated 0.9/1.8kV (DC Only)

Applications

Recreational Vehicle and Solar Panel Installations

Product Specifications

Construction:

Conductor: Tinned Annealed Copper

Insulation: Coloured XLPE insulated

Sheath: Coloured XLPE Sheath

Relevant Standard: TUV certified 2Pfg 1169/08.2007

Core Configuration:

Single Core – 1. Black

2 Core – 1. Black, 2. Red



Code	No. of Cores	Nominal Area (mm²)	Strand No. / Size	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Voltage Drop Single Phase mV/Am at 75°C
HDXT15203	1	4	52/0.3	5.35	4.65	11.2
HDXT18403	1	6	84/0.3	3.39	5.4	7.5
HFXT25203	2	4	52/0.3	5.35	4.65 x 9.6	11.2
HFXT27803	2	6	78/0.3	3.39	5.65 x 11.6	7.5
HFXT28004	2	10	80/0.4	1.95	17.3 x 8.5	4.46

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.



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



Code	No of Cores	Nominal Area (mm ²)	Strand No. / Size	Electrical Resistance 20°C (Ω/KM)	Nominal OD
HSQ1705	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.



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Elongation Minimum	Electrical Resistance Max (Ω/KM)	Nominal OD
EXR21061	2	0.29	1/0.61	25%	64	1.4
EXR21071	2	0.4	1/0.71	25%	46	1.45
EXR21086	2	0.58	1/0.86	25%	30.6	1.58