

SINGLE CORE FLEXIBLE CABLE

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Appliance Wire (FVK)

0.6/1kV V90HT PVC Insulated (105°C)

Applications

Electrical Interconnections

Product Specifications

Construction:

Conductor: Tinned Annealed Copper to AS1125

Drawn from Class 102 Copper AS1574

Insulation: Coloured V90HT PVC to AS/NZS 3808

Sheath: N/A

Relevant Standard: AS/NZS3191

Available Colours:

- Red
- Blue
- Green
- Yellow
- White
- Black
- Brown
- Violet
- Orange
- Grey

**Stripes Available by Request.*



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
FVK11602	1	0.5	16/0.2	3	40.1	2.6
FVK12402	1	0.75	24/0.2	7.5	25.7	2.8
FVK13202	1	1	32/0.2	10	20	3.0
FVK130025	1	1.5	30/0.25	15	13.7	3.15
FVK150025	1	2.5	50/0.25	20	8.2	3.8
FVK15603	1	4	56/0.3	25	5.1	4.75
FVK18403	1	6	84/0.3	30	3.4	5.3

Appliance Wire (FVT)

250/440V V90HT PVC Insulated

Applications

Wiring of Communications, Electronic Equipment and Switchboards

Product Specifications

Construction:

Conductor: Annealed Copper to AS1125 Drawn from Class 102 Copper AS1574

Insulation: Coloured V90HT PVC to AS/NZS 3808

Sheath: N/A

Relevant Standard: AS/NZS3191

Available Colours:

- Red
- Blue
- Green
- Yellow
- White
- Black
- Brown
- Violet
- Orange
- Grey

**Stripes Available by Request.*



Code	No. of Cores	Nominal Area (mm ²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
FVT11602	1	0.5	16/0.2	3	40.1	2.2
FVT12402	1	0.75	24/0.2	7.5	25.7	2.4
FVT13202	1	1	32/0.2	10	20	2.6

Single Insulated Power Flex (ZBD)

0.6/1KV PVC insulated 105°cc

Applications

Power Cable (Fixed Applications)

Product Specifications

Construction:

Conductor: Annealed Copper to AS1125 Drawn from Class 110A Copper AS1574

Insulation: Coloured V90HT PVC to AS/NZS 3808

Sheath: N/A

Relevant Standard: AS/NZS 5000.1:2005

Available Colours:

- Black,
- White
- Red
- Blue
- Green/Yellow



Code	No. of Cores	Nominal Area (mm²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Voltage Drop Single Phase	Voltage Drop Three Phase
ZBD112802	1	4	128/0.2	40	5	4.8	1.29	1.12
ZBD119202	1	6	192/0.2	51	3.3	5.4	7.5	6.49
ZBD132202	1	10	322/0.2	69	1.91	6.3	4.45	3.86
ZBD151102	1	16	511/0.2	92	1.21	7.3	2.8	2.43
ZBD179202	1	25	784/0.2	125	0.78	8.8	1.78	1.54
ZBD1112102	1	35	1120/0.2	155	0.554	10.2	1.29	1.12
ZBD1159602	1	50	1568/0.2	185	0.386	11.9	0.96	0.834
ZBD1221202	1	70	2240/0.2	240	0.272	14	0.62	0.589
ZBD1302102	1	95	3040/0.2	295	0.206	16	0.51	0.439
ZBD1382102	1	120	3800/0.2	345	0.161	17.5	0.41	0.359

Double Insulated Power Flex (ZDU)

0.6/1KV PVC insulated, Nitrile Modified Sheath 105°C

Applications

Power: Switchboards, Busbars, Transformers

Product Specifications

Construction:

Conductor: Annealed Copper to AS1125 Drawn from Class 110A Copper AS1574

Insulation: Nitrile (NBR) Modified PVC TO AS3808

Sheath: Nitrile (NBR) Modified PVC TO AS3808

Relevant Standard: AS/NZS 5000.1:2005

Minimum Bending Radius: Fixed 4 x cable diameter, Flexing 6 x cable diameter

Available Colours:

● Orange ● Black ● Red



Code	No. of Cores	Nominal Area (mm²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Voltage Drop Single Phase	Voltage Drop Three Phase
ZDU132202	1	10	322/0.2	69	1.91	9.1	4.45	3.86
ZDU151102	1	16	511/0.2	92	1.21	10.1	2.8	2.43
ZDU179202	1	25	784/0.2	125	0.78	11.8	1.78	1.54
ZDU1112102	1	35	1120/0.2	155	0.554	13.1	1.29	1.12
ZDU1159602	1	50	1568/0.2	185	0.386	14.9	0.96	0.834
ZDU1221202	1	70	2240/0.2	240	0.272	17	0.62	0.589
ZDU1302102	1	95	3040/0.2	295	0.206	19.3	0.51	0.439
ZDU1382102	1	120	3800/0.2	345	0.161	20.8	0.41	0.359

Double Insulated Power Flex (ZDXU)

0.6/1KV R-E-110 Insulated, Nitrile Modified Sheath 105°C

Applications

Power: Switchboards, Busbars, Transformers

Product Specifications

Construction:

Conductor: Annealed Copper to AS1125 Drawn from Class 110A Copper AS1574

Insulation: R-E-110 to AS/NZS 3808

Sheath: Nitrile (NBR) Modified PVC TO AS3808

Relevant Standard: AS/NZS 5000.1:2005

Minimum Bending Radius: Fixed 4 x cable diameter, Flexing 6 x cable diameter

Available Colours:

● Orange ● Black



Code	No. of Cores	Nominal Area (mm²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD	Voltage Drop Single Phase	Voltage Drop Three Phase
ZDXU132202	1	10	322/0.2	105	1.91	9.1	4.97	4.30
ZDXU151102	1	16	511/0.2	135	1.21	10.1	3.13	2.7
ZDXU179202	1	25	784/0.2	185	0.78	11.8	1.99	1.72
ZDXU1112102	1	35	1120/0.2	225	0.554	13.1	1.44	1.24
ZDXU1159602	1	50	1568/0.2	275	0.386	14.9	1.07	0.92
ZDXU1221202	1	70	2240/0.2	350	0.272	17	0.769	0.65
ZDXU1302102	1	95	3040/0.2	435	0.206	19.3	0.567	0.48
ZDXU1382102	1	120	3800/0.2	510	0.161	20.8	0.465	0.39

Hook Up Wire (HVT)

V90HT PVC insulated

Applications

Control Panels, Automotive, Meters, Ovens, and Internal Wiring

Product Specifications

Construction:

Conductor: Plain Annealed Copper to

Drawn from Class 102 Copper AS1574

Insulation: Coloured V90HT PVC to AS/NZS 3808

Sheath: N/A

Relevant Standard: AS/NZS1574, AS3808

Available Colours:

- Black
- Green
- Blue
- Brown
- Orange
- Pink
- Red
- Grey
- Violet
- White
- Yellow



Code	No. of Cores	Nominal Area (mm²)	Strand No. / Size	Amp Rating @ 30°C	Electrical Resistance @ 20°C (Ω/KM)	Nominal OD
HVT1702	1	0.2	7/0.2	0.3	89	1.2
HVT17025	1	0.34	7/0.25	0.7	57.4	1.6
HVT110025	1	0.5	10/0.25	2.0	38	1.8
HVT1110	1	0.75	1/1.0	4.6	22.5	2.35