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RoHS compliant

V90HT PVC Insulated

FLEXIBLE POWER

SINGLE CORE V90HT 0.6/1KV



Applications: Power Cable 0.6/1KV for Fixed Applications
Conductor: Nominal 0.2mm stranded flexible Plain Copper Wire to AS1125.
Insulation: V90HT PVC to AS3808
Colours: **Black, Red, Blue, White, Green/Yellow**
Packs: 100 metres, bulk drum

Typical Properties							Electrical Data		
Standard: PVC INSULATED UNPROTECTED TO AS 5000.1							Current Rating* AMPS 2 Single Cores	Voltage Drop mV/Am at Max operating Temperature	
CODE	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)		Single Phase	Three Phase
ZBD112802	128/0.2	4	1.0	4.950	4.8	5.30	40	11.20	9.71
ZBD119202	192/0.2	6	1.0	3.300	5.4	7.30	51	7.50	6.49
ZBD132202	322/0.2	10	1.0	1.910	6.3	11.40	69	4.45	3.86
ZBD151102	511/0.2	16	1.0	1.210	7.3	17.10	92	2.80	2.43
ZBD179202	784/0.2	25	1.2	0.780	8.8	30.00	125	1.78	1.54
ZBD1112102	1120/0.2	35	1.2	0.554	10.2	37.50	155	1.29	1.12
ZBD1159602	1568/0.2	50	1.4	0.386	11.9	51.00	185	0.96	0.83
ZBD1221202	2240/0.2	70	1.4	0.272	14.0	71.50	240	0.62	0.59
ZBD1302102	3040/0.2	95	1.6	0.206	16.0	97.00	295	0.51	0.44
ZBD1382102	3800/0.2	120	1.6	0.161	17.5	119.10	345	0.41	0.36

* AMP Ratings are to AS3008. Unenclosed-Spaced at 40°C. Refer AS3008 for derating factors.

FLEXIBLE POWER AND WELDING

SINGLE CORE DOUBLE INSULATED 0.6/1KV



Applications: For Fixed Power Applications
Power: Switchboards, Busbars, Transformers
Welding: Earth and Electrode Leads
Automotive: Jumper Leads, Battery Chargers

Conductor: Nominal 0.2mm stranded flexible Plain Copper Wire to AS1125
Insulation: Nitrile (NBR) Modified PVC to comply with AS3808 V90HT
Insulation Colour: **White**
Sheath: Nitrile (NBR) Modified PVC to comply with AS3808 V90HT
Sheath Colours: **Orange, Black - other colours available by request**
Packs: 100 metres, bulk drum

Typical Properties								Electrical Data		
Standard: V90HT AS5000.1, AS1995								Current Rating* AMPS 2 Single Cores	Voltage Drop mV/Am at Max operating Temperature	
CODE	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)		Single Phase	Three Phase
ZDU132202	322/0.2	10	1.0	1.4	1.910	9.1	14.42	69	4.45	3.86
ZDU151102	511/0.2	16	1.0	1.4	1.210	10.1	20.16	92	2.80	2.43
ZDU179202	784/0.2	25	1.2	1.4	0.780	11.8	29.14	125	1.78	1.54
ZDU1112102	1120/0.2	35	1.2	1.4	0.554	13.1	38.96	155	1.29	1.12
ZDU1159602	1568/0.2	50	1.4	1.4	0.386	14.9	52.84	185	0.96	0.83
ZDU1221202	2240/0.2	70	1.4	1.5	0.272	17.0	72.34	240	0.62	0.59
ZDU1302102	3040/0.2	95	1.6	1.5	0.206	19.3	96.18	295	0.51	0.44
ZDU1382102	3800/0.2	120	1.6	1.6	0.161	20.8	117.86	345	0.41	0.36

NOTE: * AMP Ratings are to AS3008. Unenclosed-Spaced at 40°C. Refer AS3008 for derating factors.
 * For Welding AMP Ratings refer to AS1995
 Specifications are subject to change without notice