AUSTECH WIRE & CABLE
RoHS Compliant

SINGLE CORE PVC FLEX

V90HT 0.6/1KV PVC Insulation to AS3191

APPLICATIONS:

ÅWiring of Communication, Electronic Equipment and Switchboards

CONSTRUCTION:

Conductor: Tinned conductor to AS1125
Insulation: V90HT (V105°C PVC) to AS3191

Sheath Colours: Red, Dk Blue, Lt Green/Yellow, White, Black, Brown, Violet Orange, Grey, Lt Blue and Pink.

Pack Size: 100M, 500M & 1000M

TINNED COPPER CONDUCTOR

Part No.	Nearest SAE, (B&S) (AWG)	Number of Strands x wire Ø mm	Nom.Area mm^2	Average Insulation Thickness mm	OFHC Max D.C. Resistance at 20° C m Ω/mt	Nominal O.D. mm	Mass Kg/100mt
FLB005	20	16/0.20	0.50	0.80	**40.10**	2.55	1.1
FLB0075	$18^1/_2$	24/0.20	0.75	0.80	**26.70**	2.75	1.4
FLB010	$17^1/_2$	32/0.20	1.00	0.80	**20.00**	2.95	1.7
FLB015	$15^1/_2$	30/0.25	1.50	0.80	**13.70**	3.15	2.2
FLB025	13	50/0.25	2.50	0.90	**8.21**	3.90	3.5
FLB04	11	56/0.30	4.00	1.00	**5.09**	4.70	5.3
FLB06	9	84/0.30	6.00	1.10	**3.39**	5.46	7.6
FLB10	7	77/0.40	10.00	1.30	**2.02**	6.70	9.1

SINGLE INSULATED POWER FLEXES

Plain copper flexible conductor to AS/NZS 5000.1:1999
0.6/1KV unprotected V90HT PVC Insulation for fixed applications

CONSTRUCTION:

Conductor: Plain Copper Conductor to AS1125
Insulation: V90HT to AS/NZS 3808:2000

Sheath Colours: Red, White, Blue, Black & Green/Yellow

PLAIN COPPER CONDUCTOR

Part No.	Number of Strands x Wire Ø mm	Nominal Area mm^2	Average Insulation Thickness mm	OFHC Max D.C. Resis-tance at 20° C m Ω/mt	Nominal O.D. mm	Mass Kg/100mt
FLB04	128/0.20	4	1.00	**4.950**	4.60	5.30
FLB06	192/0.20	6	1.00	**3.300**	5.30	7.60
FLB10	322/0.20	10	1.00	**1.910**	6.30	12.00
FLB16	511/0.20	16	1.00	**1.210**	7.40	18.00
FLB25	784/0.20	25	1.20	**0.780**	9.10	27.50
FLB35	1113/0.20	35	1.20	**0.554**	10.40	37.90
FLB50	1577/0.20	50	1.40	**0.386**	12.30	53.50
FLB70	2204/0.20	70	1.40	**0.272**	14.00	73.10
FLB95	3021/0.20	95	1.60	**0.206**	16.30	100.00
FLBB120	1672/0.30	120	1.60	**0.161**	17.90	122.90