

90 DEGREE - SWITCHBOARD FLEX

FLEXIBLE BLACK BARE COPPER MAINS POWER CABLE



90 XLPE/PVC - SWITCHBOARD FLEX

Construction	Application	Minimum Bending Radius	Voltage Rating	Temperature Rating	Standards
<ul style="list-style-type: none"> » Flexible Class 5 bare copper » Double insulated » XLPE Inner Insulation » 5V-90 PVC outer sheath 	<ul style="list-style-type: none"> » Suitable for fixed installation mains power distribution » UV Resistant 	<ul style="list-style-type: none"> » PVC Fixed: 4 x cable OD 	<ul style="list-style-type: none"> » 600/1000V 	<ul style="list-style-type: none"> » -30 to 90 degrees 	<ul style="list-style-type: none"> » AS/NZS 5000.1 » AS/NZS 1125 » AS/NZS 3808

Part No	Conductor	Cable OD
TF-G-136481	10 mm ²	8.2mm
TF-G-136482	16 mm ²	9.3mm
TF-G-036468	25 mm ²	10.9mm
TF-G-036469	35 mm ²	11.9mm
TF-G-036470	50 mm ²	13.8mm
TF-G-036471	70 mm ²	15.8mm
TF-G-036472	95 mm ²	18.1mm
TF-G-036473	120 mm ²	19.4mm
TF-G-036474	150 mm ²	23.5mm
TF-G-036475	185 mm ²	25.3mm
TF-G-036476	240 mm ²	27.6mm
TF-G-036477	300 mm ²	31.3mm
TF-G-036478	400 mm ²	33.8mm

CURRENT RATINGS - Based on an ambient air temperature of 40° C, and an ambient soil temperature of 25° C at 0.5m depth.

Conductor cross-sectional area	Unenclosed						Enclosed	
	Spaced		Spaced from surface		Touching		Conduit in air	
mm ²								
10	84	81	82	69	65	65	65	58
16	110	110	110	92	86	86	86	78
25	150	145	145	125	115	115	115	110
35	185	180	175	155	145	145	145	125
50	230	220	215	190	175	175	175	155
70	290	280	275	240	225	225	220	190
95	360	350	340	300	280	280	260	230
120	420	410	395	350	325	325	310	270
150	485	470	450	405	375	375	350	310
185	570	550	520	470	435	435	400	355
240	680	660	620	560	520	520	475	420
300	790	770	720	650	610	600		485
400	920	900	840	760	710	700		560