










Construction	Application	Minimum Bending Radius	Voltage Rating	Temperature Rating	Standards
» Flexible Class 5 bare copper » Double insulated » X90 XPLE inner insulation » 5V-90 PVC outer sheath	» Suitable for fixed installation mains power distribution » UV Resistant	» PVC Fixed: 4 x cable OD	» 600/1000V	» -30 to 90 degrees	» 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 FOR 90 DEGREE SWITCHBOARD FLEX

Conductor cross-sectional area	Unenclosed					Enclosed			
	Spaced		Spaced from surface		Touching	Conduit in air			
									
mm ²	A	A	A	A	A	A	A	A	
10	92	89	90	76	72	72	72	64	
16	121	121	121	101	95	95	95	86	
25	165	160	160	138	127	127	127	121	
35	204	198	193	171	160	160	160	138	
50	253	242	237	209	193	193	193	171	
70	319	308	303	264	248	248	242	209	
95	396	385	374	330	308	308	286	253	
120	462	451	435	385	358	358	341	297	
150	534	517	495	446	413	413	385	341	
185	627	605	572	517	479	479	440	391	
240	748	726	682	616	572	572	523	462	
300	869	847	792	715	671	660		534	
400	1012	990	924	836	781	770		616	

These ratings are based on an ambient air temperature of 30° C, and an ambient soil temperature of 15° C at 0.5m depth.