

ÖLFLEX Circular TPS

POWER DISTRIBUTION CABLE FOR FIXED INSTALLATIONS



BLACK Circ TPS



Construction

Class 2 stranded conductors, V90 PVC inner insulation material and UV Resistant 5V-90 PVC outer sheath. Cables are metre marked.

Minimum Bending Radius

- Fixed: 4 x cable OD

Temperature Rating

- -20 to 90

Standards

- AS/NZS 5000.1
- AS/NZS 5000.2
- AS/NZS 1660.5.6

Part No.	Colour	Type	Conductors	Earth Size	Rating	OD
3 CORE (2 CORE + EARTH)						
3803840	Black Sheath	2 Core + Earth	1.5mm	1.5mm	450/750V	9.4mm
3803841	Black Sheath	2 Core + Earth	2.5mm	2.5mm	450/750V	11mm
3803842	Black Sheath	2 Core + Earth	4mm	2.5mm	450/750V	12.6mm
3803843	Black Sheath	2 Core + Earth	6mm	2.5mm	450/750V	13.8mm
3803844	Black Sheath	2 Core + Earth	10mm	4mm	600/1000V	16.7mm
3803845	Black Sheath	2 Core + Earth	16mm	6mm	600/1000V	18.9mm
3803846	Black Sheath	2 Core + Earth	25mm	6mm	600/1000V	22.6mm
4 CORE (3 CORE + EARTH)						
3803852	Black Sheath	3 Core + Earth	1.5mm	1.5mm	450/750V	10.1mm
3803853	Black Sheath	3 Core + Earth	2.5mm	2.5mm	450/750V	11.9mm
3803854	Black Sheath	3 Core + Earth	4mm	2.5mm	450/750V	13.6mm
3803855	Black Sheath	3 Core + Earth	6mm	2.5mm	450/750V	15mm
3803856	Black Sheath	3 Core + Earth	10mm	4mm	600/1000V	17.3mm
3803857	Black Sheath	3 Core + Earth	16mm	6mm	600/1000V	19.8mm
5 CORE (4 CORE + EARTH)						
3803864	Black Sheath	4 Core + Earth	1.5mm	1.5mm	450/750V	10.9mm
3803865	Black Sheath	4 Core + Earth	2.5mm	2.5mm	450/750V	12.8mm
3803866	Black Sheath	4 Core + Earth	4mm	2.5mm	450/750V	14.8mm
3803867	Black Sheath	4 Core + Earth	6mm	2.5mm	450/750V	16.3mm
3803868	Black Sheath	4 Core + Earth	10mm	4mm	600/1000V	19.9mm
3803869	Black Sheath	4 Core + Earth	16mm	6mm	600/1000V	22.8mm
3803870	Black Sheath	4 Core + Earth	25mm	6mm	600/1000V	27.4mm
3803871	Black Sheath	4 Core + Earth	35mm	10mm	600/1000V	30.5mm
3803872	Black Sheath	4 Core + Earth	50mm	16mm	600/1000V	35.4mm
3803873	Black Sheath	4 Core + Earth	70mm	25mm	600/1000V	40.7mm



3 core (2 core + earth)



4 core (3 core + earth)



5 core (4 core + earth)

Conductor cross-sectional area	Unenclosed				Enclosed				Underground Ducts		Three Phase Voltage Drop
	Spaced		Touching		Conduit in air						
mm ²	A	A	A	A	A	A	A	A	A	A	mV/A/m
1.5	22	18	21	17	16	15	25	22	30	30	
2.5	31	26	30	25	23	21	35	30	16.4	16.4	
4	42	35	39	33	30	27	46	39	10.2	10.2	
6	52	46	50	42	39	35	58	49	6.8	6.8	
10	73	62	68	58	54	48	78	65	4.05	4.05	
16	97	82	91	78	72	64	100	84	2.55	2.55	
25	131	111	120	104	100	90	131	109	1.61	1.61	
35	160	137	148	125	120	105	160	131	1.17	1.17	
50	194	165	182	154	143	125	188	160	0.87	0.87	
70	245	211	228	194	177	160	234	200	0.61	0.61	

These ratings are based on an ambient air temperature of 30° C

