



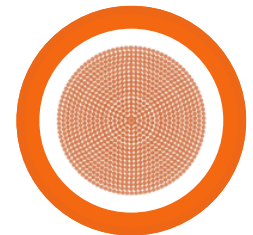
## Single Conductor Power Flexible Cable 0.6/1 KV, 110 Degree



<b>Application:</b>	Fixed Installed Mains, Sub-Mains, Battery Banks & Switchboards. Suitable where space is a premium
<b>Conductor:</b>	Annealed plain copper conductor Class 6 to AS 1125
<b>Standard :</b>	AS/NZ 5000.1
<b>Insulation :</b>	R-E-110 (White)
<b>Sheath :</b>	Modified Nitrile (NBR) PVC V-90HT
<b>Colour of outer sheath</b>	Orange and Black
<b>Voltage</b>	0.6/1KV
<b>Min. Bend Radius</b>	During Installation: 6D - Fixed or Location: 4D



Applies to cable size 10 mm<sup>2</sup> and 16 mm<sup>2</sup>



**Notes :** This cable is not low smoke zero halogen

STANDARD: AS/NZS 5000.1							Current Rating* AMPS 2 Single Cores	Voltage Drop mV/Am at 75°C Laid Flat	
CODE	CONDUCT OR NO/DIA (mm)	NOMINAL AREA (mm <sup>2</sup> )	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)		Single Phase	Three Phase
FHO010	CLASS 6	10	1.0	1.4	1.91	9.1	102	4.3	3.86
FHO016	CLASS 6	16	1.0	1.4	1.21	10.1	135	2.71	2.43
FHO025	CLASS 6	25	1.2	1.4	0.78	11.8	178	1.72	1.55
FHO035	CLASS 6	35	1.2	1.4	0.554	13.1	221	1.25	1.12
FHO050	CLASS 6	50	1.4	1.4	0.386	14.9	279	0.97	0.84
FHO070	CLASS 6	70	1.4	1.5	0.272	17.0	351	0.68	0.589
FHO095	CLASS 6	95	1.6	1.5	0.206	19.3	422	0.518	0.449
FHO120	CLASS 6	120	1.6	1.6	0.161	20.8	500	0.428	0.371

Maximum operating temperature: 75°C in normal Use OR 105°C where not subject to, or protected from, mechanical damage (refer AS/NZS 3008.1:2009)  
 AMP Ratings are to AS/NZS 3008. Unenclosed-Spaced at 40°C (in air), 25°C (in ground). Refer AS/NZS 3008 for derating factors - For Welding AMP Ratings refer to AS/NZS 1995.