



### 0.6/1kV SDI Flexible Cooper Cables

<b>Conductor :</b>	Single Core Class 5/6 Copper Conductors
<b>Insulation :</b>	X-90 to AS/NZS 3808
<b>Sheath :</b>	5V-90 to AS/NZS 3808
<b>Relevant Standard :</b>	AS/NZS 1125 AS/NZS 3808 AS/NZS 5000.1
<b>Voltage Rating:</b>	0.6/1kV
<b>Operating Temperature:</b>	-40°C to +90°C
<b>Overall Diameter :</b>	Tolerance +/- 10%



### Physical & Electrical Characteristic

Product Code	Conductor Size (mm <sup>2</sup> )	Approx. OD of cable (mm)	Approx. weight of cable(kg/km)	Max.safe tensile stress of conductor or (kN/mm <sup>2</sup> )	Min.bending radius(mm)	
					During Installation	Set
FX016	16	9.9	212.6	1.12	89	59
FX025	25	11.6	307.8	1.75	104	70
FX035	35	12.7	407.1	2.45	114	76
FX050	50	14.7	560.4	3.5	132	88
FX070	70	17.4	772.1	4.9	157	104
FX095	95	19.1	1012.5	6.65	172	115
FX120	120	22.3	1279.5	8.4	201	134
FX150	150	23.9	1576.5	10.5	215	143
FX185	185	26.0	1928.0	12.95	234	156
FX240	240	29.8	2480.0	16.8	268	179
FX300	300	32.9	3069.4	21.0	296	197
FX400	400	36.8	4039.1	28.0	331	221
FX500	500	41.4	5032.8	35.0	373	248
FX630	630	46.4	6307.6	44.1	418	278