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XLPE Flexible

- Series: XP
- Conductor: Copper Class 5
- Insulation: X-90
- Sheath: 5V 90
- Voltage: 0.6/1 kV
- Standard: AS/NZS 1125, AS/NZS 1

Specifications

Core x cross-section mm ²	Conductor diameter mm	Nominal insulation thickness mm	Nominal sheath thickness mm	Approx. dia mm
1×6	0.20	0.7	1.4	1.4
1×10	0.20	0.7	1.4	1.4
1×16	0.20	0.7	1.4	1.4
1×25	0.20	0.9	1.4	1.4
1×35	0.20	0.9	1.4	1.4
1×50	0.30	1.0	1.4	1.4
1×70	0.30	1.1	1.4	1.4
1×95	0.30	1.1	1.5	1.5
1×120	0.30	1.2	1.5	1.5
1×150	0.30	1.4	1.6	1.6
1×185	0.40	1.6	1.6	1.6
1×240	0.40	1.7	1.7	1.7
1×300	0.40	1.8	1.8	1.8
1×400	0.50	2.0	1.9	1.9
1×500	0.50	2.2	2.0	2.0
1×630	0.50	2.4	2.2	2.2

Core x cross-section mm ²	Min. Bending Radius mm	Current Rating (A)		
		underground		in the air
				
1×6	45	66	71	71
1×10	53	90	95	95
1×16	60	112	121	121
1×25	70	144	154	154
1×35	77	175	184	184
1×50	88	215	230	230
1×70	100	263	277	277
1×95	111	309	324	324
1×120	122	350	375	375
1×150	136	401	421	421
1×185	149	444	473	473
1×240	168	519	553	553
1×300	185	585	624	624
1×400	209	673	722	722
1×500	233	756	820	820
1×630	266	858	943	943

in the air: when working temperature is 90°C and the ambient temperature is 40°C.

underground: when soil thermal resistivity is 1.0K·m/W, working temperature is 90°C and the ambient temperature is 40°C.

