Cu/X-HF-110/HFS-110-TP

Standard: AS/NZS 5000.1, AS/NZS 1125
Voltage: 0.6/1kV
Conductor: Plain Annealed Copper(Class 5 & 6)
Insulation: X-HF-110(Natural)
Sheath: HFS-110-TP (Orange, Black, Red)

Core x cross-section mm^2	Conductor Diameter mm	Nominal insulation thickness mm	Nominal sheath thickness mm	Approx. overall diameter mm	Approx. weight kg/km	Product code
1×10	0.20	0.7	1.4	8.8	144	LS1C0100
1×16	0.20	0.7	1.4	9.9	201	LS1C0160
1×25	0.20	0.9	1.4	11.6	292	LS1C0250
1×35	0.20	0.9	1.4	12.8	386	LS1C0350
1×50	0.30	1.0	1.4	14.6	529	LS1C0500
1×70	0.30	1.1	1.4	16.6	725	LS1C0700
1×95	0.30	1.1	1.5	18.5	935	LS1C0950
1×120	0.30	1.2	1.5	20.4	1174	LS1C1200
1×150	0.30	1.4	1.6	22.7	1464	LS1C1500
1×185	0.40	1.6	1.6	24.8	1765	LS1C1850
1×240	0.40	1.7	1.7	28.0	2304	LS1C2400
1×300	0.40	1.8	1.8	30.8	2847	LS1C3000
1×400	0.50	2.0	1.9	34.9	3730	LS1C4000
1×500	0.50	2.2	2.0	38.8	4689	LS1C5000
1×630	0.50	2.4	2.2	44.3	6226	LS1C6300

Core x cross-section mm^2	Min. Bending Radius mm	Current Rating (A)				Electrical Characteristics
		underground		in the air		Maximum DC Resistance 20°C Ω/km
		⁂	○○○	⁂	○○○	
1×10	53	90	95	69	91	1.91
1×16	59	112	121	89	116	1.21
1×25	70	144	154	115	149	0.780
1×35	77	175	184	145	189	0.554
1×50	88	215	230	180	235	0.386
1×70	100	263	277	228	292	0.272
1×95	111	309	324	275	358	0.206
1×120	122	350	375	326	419	0.161
1×150	136	401	421	377	485	0.129
1×185	149	444	473	435	551	0.106
1×240	168	519	553	519	659	0.0801
1×300	185	585	624	600	764	0.0641
1×400	209	673	722	708	904	0.0486
1×500	233	756	820	815	1054	0.0384
1×630	266	858	943	953	1251	0.0287

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 25°C.