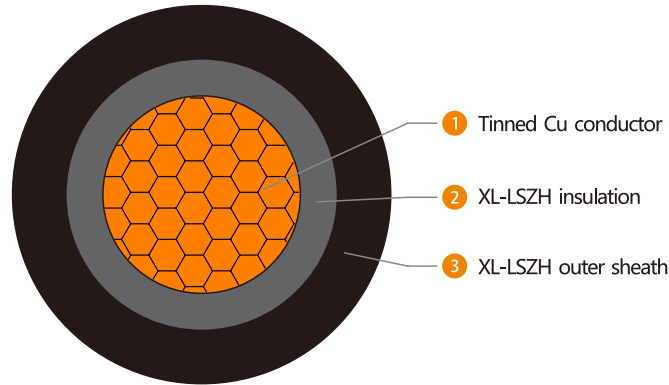


1500V DC Photovoltaic Cables T-Cu/XL-LSZH/XL-LSZH



Properties:

Rated Voltage	1500V DC (Conductor to Conductor and Conductor to Earth)
Max. operating temperature of conductor	120°C
Min. ambient temperature for operating	-40°C
Min. temperature for installing without preheating	+0°C
Max. short-circuit operation temperature of conductor (5s Max. duration)	200°C
Minimal bending radius	During installation: 4D. D is outer diameter of cable
Standard	EN 50618

Application:

The cable is used at the DC side of photovoltaic systems for cable junction boxes, interconnection between modules, or between module array and connection box.

Structural Parameters:

Nominal conductor area	Nominal thickness of insulation	Nominal thickness of sheath	Approx. overall diameter of cable	Approx. weight of cable	Max. D.C. resistance at 20°C
mm ²	mm	mm	mm	kg/km	Ω/km
1.5	0.7	0.8	5.6	43	13.7
2.5	0.7	0.8	6.4	55	8.21
4	0.7	0.8	7.0	71	5.09
6	0.7	0.8	7.7	92	3.39
10	0.7	0.8	8.8	138	1.95
16	0.7	0.9	11.3	211	1.24
25	0.9	1.0	13.6	315	0.795
35	0.9	1.1	15.9	425	0.565
50	1.0	1.2	16.4	566	0.393
70	1.1	1.2	19.4	779	0.277
95	1.1	1.3	21.1	993	0.210
120	1.2	1.3	23.6	1242	0.164
150	1.4	1.4	28.3	1558	0.132
185	1.6	1.6	29.9	1889	0.108
240	1.7	1.7	31.2	2411	0.0817