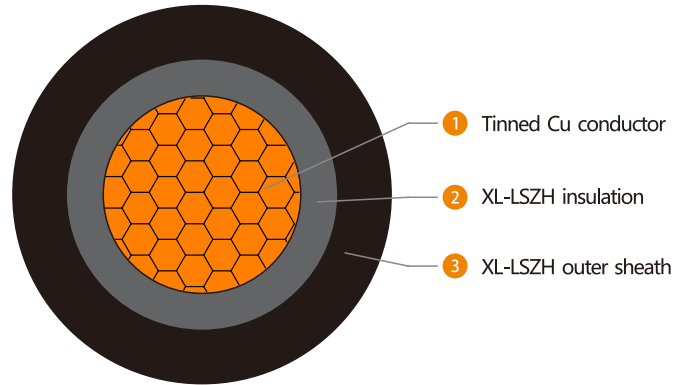


1500V DC Photovoltaic Cables T-Cu/XL-LSZH/XL-LSZH



Properties:

Rated Voltage	1500V DC (Conductor to Conductor), 900V DC (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	2 Pfg 1169

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 mm ²	Min. thickness of insulation mm	Min. thickness of sheath mm	Approx. overall diameter of cable mm	Approx. weight of cable kg/km	Max. D.C. resistance at 20°C Ω/km
1.5	0.5	0.5	4.4	30	13.7
2.5	0.5	0.5	5.1	42	8.21
4	0.5	0.5	6.5	64	5.09
6	0.5	0.5	7.1	85	3.39
10	0.5	0.5	8.3	130	1.95
16	0.5	0.5	11.0	205	1.24
25	0.5	0.5	13.4	309	0.795
35	0.5	0.5	15.4	412	0.565