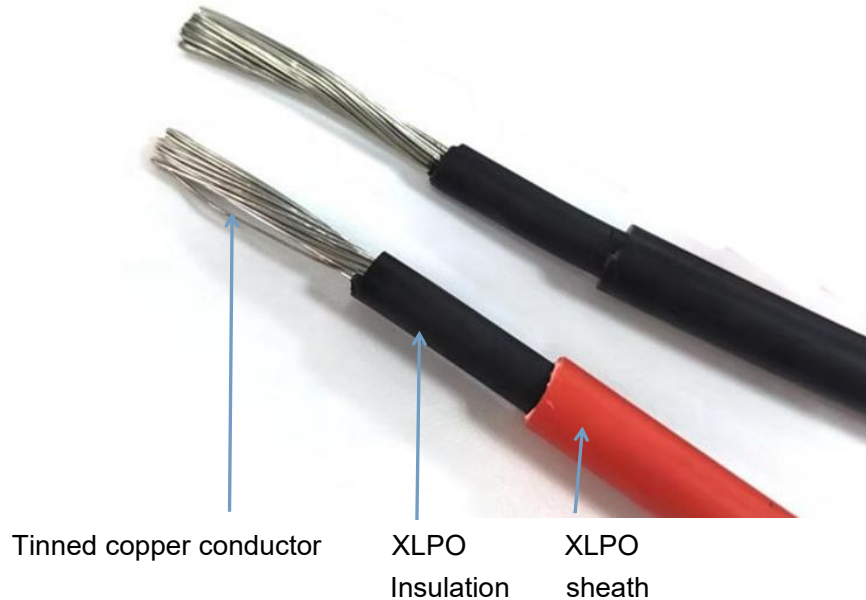


PV Cable-H1Z2Z2-K



Structure



Applications:

This cable is used for interconnecting power supplies within renewable energy photovoltaic systems, such as solar panel arrays in solar energy farms. These solar panel cables are suitable for fixed installations, both internal and external, and within conduits or systems.

Structure:

1. Conductor: Tinned soft copper wires, class 5, according to EN60228;
2. Insulation: Cross-linked polyolefin, low smoke zero halogen(LSZH)
3. Jacket: Cross-linked polyolefin, low smoke zero halogen(LSZH)

Working temperature:

Max. conductor temperature: 120°C

Ambient temperature: -40 to +90.

Standards:

EN50618

Voltage:

DC 1.5KV, AC1.0/1.0KV

Performance:

Strong UV resistance

Flame retardant

Low smoke halogen free LSZH
Lift time at least 25 years

Test voltage:

AC 6.5KV for 5min, not break down

Technical Datas:

Size mm ²	Max. Diameter of single wire in conductor (mm)	Insulation Thickness mm	Outer-sheath Thickness mm	Overall Diameter mm	Max. DC resistance at 20C (Ω /km)
1X1.5	0.26	0.7	0.8	4.6	13.7
1X2.5	0.26	0.7	0.8	5.0	8.21
1X4.0	0.31	0.7	0.8	5.6	5.09
1X6.0	0.31	0.7	0.8	6.3	3.39
1X10	0.41	0.7	0.8	7.4	1.95
1X16	0.41	0.7	0.9	8.6	1.24
1X25	0.41	0.9	1.0	11.1	0.795
1X35	0.41	0.9	1.1	13.0	0.565
1X50	0.41	1.0	1.2	15.1	0.393
1X70	0.51	1.1	1.2	17.2	0.277
1X95	0.51	1.1	1.3	18.6	0.210
1X120	0.51	1.2	1.3	20.6	0.164
1X150	0.51	1.4	1.4	23.4	0.132
1X185	0.51	1.6	1.6	25.5	0.108
1X240	0.51	1.7	1.7	28.7	0.0817