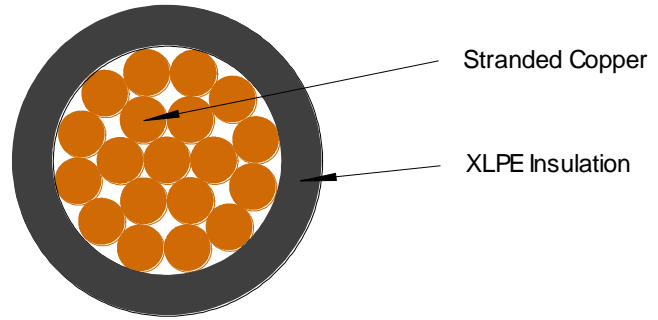


basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

PHOTOVOLTAIC WIRE

Single Copper Conductor
XLPE Insulation
600 Volts, -40°C, 90°C Wet/Dry



APPLICATIONS:

Single conductor, sunlight-resistant, direct burial photovoltaic wire rated 90°C wet or dry, 600V for interconnection wiring of grounded and ungrounded photovoltaic power systems as described in Section 690.31(A) and other applicable parts of the National Electrical Code (NEC), NFPA 70.

CONSTRUCTION:

Stranded copper conductor, flame-retardant black XLPE (Cross-Linked Polyethylene) insulation "Colors Available", surface printed.

STANDARDS:

1. Copper conductor conforms to ASTM B-3 and B-8.
2. RHW-2 Type (90°C wet/dry) or RHH (90°C dry) per UL 44.
3. PV Type (90°C wet/dry) per UL 4703.
4. Cables (sizes 1/0AWG and larger) pass the IEEE-383, IEEE-1202/CSA FT-4 flame tests.
5. Cables pass the UL 1581 VW-1 flame test.
6. Meets cold bend and cold impact -40°C
7. Cables suitable for sunlight resistant and direct burial applications.
8. Cables meet the requirements of ICEA S-95-658/NEMA WC70.

BASIC CAT.NO.	SIZE AWG/KCMIL	STRD.	INSUL. mils	O.D. in.	WEIGHT lbs/mft
5-504	14	7	60	.194	27
5-505	12	7	60	.214	36
5-506	10	7	60	.238	51
5-507	8	7	80	.313	88
5-508	6	7	80	.356	126
5-509	4	7	80	.405	183
5-510	2	7	80	.466	269
5-511	1	19	95	.515	333
5-512	1/0	19	95	.563	410
5-513	2/0	19	95	.608	502
5-514	3/0	19	95	.658	620
5-515	4/0	19	95	.714	767
5-516	250	37	110	.784	923
5-517	300	37	110	.837	1090
5-518	350	37	110	.887	1240
5-519	400	37	110	.932	1423
5-520	500	37	110	1.015	1718
5-521	600	61	125	1.122	2136
5-522	750	61	125	1.224	2597
5-523	1000	61	125	1.373	3411

Also available in Aluminum
Information on this sheet subject to change without notice.
SHIPPING TOLERANCE +/- 10%

