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Also On This Page
[Copper Service Drop Cable](#)

[« Prev](#)

[Home](#)

[Product Index](#)

[Contact Us](#)

[Next »](#)

COVERED COPPER OVERHEAD CONDUCTORS



WEATHERPROOF HMW POLYETHYLENE OR XLP

DESCRIPTION

Copper line wire available in various sizes, tempers and strandings with HMW-Polyethylene covering.

APPLICATION

Primary and secondary distribution on pole lines, service from pole to weatherhead, distribution indoors and out. Mining, industrial, railroad and other applications.

SPECIFICATION

ASTM B-1 Hard-Drawn Copper Wire

ASTM B-2 Medium-Hard Drawn Copper Wire

ASTM B-3 Soft or Annealed Copper Wire

ASTM B-8 Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft

ASTM D-1248 Polyethylene Plastics, Molding and Extrusion Materials

ANSI C-8.35 Specifications for Weather-Resistant Polyethylene-Covered Wire and Cable

		Weight				Weight	
Size	Insulation Thickness	(Lbs.)/1000 Ft. Poly.	(Lbs.)/1000 Ft. XLP	Size	Insulation Thickness	Weight (Lbs.)/1000 Ft. Poly.	Weight (Lbs.)/1000 Ft. XLP
SOLID							
14	2/64"	16.0	16.5	4	2/64"	136.0	137.0
12	2/64"	24.0	24.6	3	3/64"	176.0	177.4
10	2/64"	36.5	37.1	2	3/64"	219.0	222.0
9	2/64"	45.0	45.7	1	3/64"	273.0	277.0
8	2/64"	56.0	56.8	1/0	4/64"	350.0	355.0
6	2/64"	87.0	87.8	2/0	4/64"	437.0	443.0
STRANDED							
Size	Insulation Thickness	(Lbs.)/1000 Ft. Poly.	(Lbs.)/1000 Ft. XLP	Size	Insulation Thickness	(Lbs.)/1000 Ft. Poly.	(Lbs.)/1000 Ft. XLP
6-7/W	2/64"	91.5	92.0	3/0-19/W	4/64"	572.0	578.0
4-7/W	2/64"	143.0	144.0	4/0-7/W	4/64"	715.0	722.0
2-7/W	3/64"	230.0	233.0	4/0-19/W	4/64"	715.0	722.0
1-7/W	3/64"	287.0	291.0	250-19/W	4/64"	834.0	842.0
1/0-7/W	4/64"	367.0	372.0	300-19/W	4/64"	996.0	1005.0
1/0-19/W	4/64"	367.9	372.0	350-19/W	4/64"	1157.0	1166.0
2/0-7/W	4/64"	458.0	464.0	500-37/W	5/64"	1648.0	1659.0
2/0-19/W	4/64"	458.0	464.0	750-61/W	6/64"	2481.0	2494.0
3/0-7/W	4/64"	572.0	578.0				
* Other insulation thicknesses available upon request							

[Back to top of page](#)

COVERED COPPER OVERHEAD CONDUCTORS



WEATHERPROOF HMW POLYETHYLENE OR XLP

DESCRIPTION

Either one or two soft-drawn copper conductors covered with HMW polyethylene twisted around a hard drawn bare copper neutral that serves as the messenger and supporting member.

APPLICATION

These cables are suitable for overhead installation between poles or buildings and from pole to building weatherhead.

SPECIFICATION

ICEA SPECIFICATIONS S-19-81

Copper Conductors				Copper Bare Neutral Messenger			
Code Word	Size AWG	Stranding	Insulation Thickness	Size AWG	Stranding	Approx. Net. Wt. (Lbs.)/Mft	
						Poly.	XLP
TWO CONDUCTOR							
Lambda	6	7	3/64"	8	Solid	155	157
Omicron	6	7	3/64"	6	Solid	188	190
Sigma	6	7	3/64"	6	7	189	191
THREE CONDUCTOR							
Pica	*8	7	3/64"	10	Solid	164	168
Biodoni	*8	7	3/64"	8	Solid	185	189
Garamond	*8	7	3/64"	8	7	186	190
Tudor	6	7	3/64"	8	Solid	254	260
Futura	6	7	3/64"	6	Solid	281	288
Gothic	6	7	3/64"	6	7	285	291
Nonpareil	4	7	3/64"	6	Solid	390	396
Ionic	*4	7	3/64"	4	Solid	438	443
Caslon	4	7	3/64"	4	7	442	447
Minion	*2	7	3/64"	4	Solid	609	617
Primer	2	7	3/64"	4	7	614	622
Century	2	7	3/64"	2	7	692	701
*Construction not recognized by IPCEA Specifications.							
*Larger sizes available on request.							

[<< Prev](#)

[Home](#)

[Product Index](#)

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[Next >>](#)

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