



Copper Service Drop - PE and XLP

Product Description

Either one, two, or three soft-drawn copper conductors covered with HMW or cross-linked polyethylene 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.

Product Data

Duplex

Code Word	Copper Phase Conductor			Bare Copper Neutral Messenger			Weight Per 1000 Ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Insulation Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	Polyethylene	XLP	Polyethylene	XLP
Kappa	8	7	45	8	7	777	114	116	70	85
Lambda	6	7	45	8	SOLID	826	155	157	90	110
Omicron	6	7	45	6	SOLID	1280	188	190	90	110
Sigma	6	7	45	6	7	1228	189	191	90	110

Triplex

Code Word	Copper Phase Conductor			Bare Copper Neutral Messenger			Weight Per 1000 Ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Insulation Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	Polyethylene	XLP	Polyethylene	XLP
Pica	8	7	45	10	SOLID	529	164	168	70	85
Biodoni	8	7	45	8	SOLID	826	185	189	70	85
Garamond	8	7	45	8	7	777	186	190	70	85
Tudor	6	7	45	8	SOLID	826	254	260	90	110
Futura	6	7	45	6	SOLID	1280	281	288	90	110
Gothic	6	7	45	6	7	1228	285	291	90	110
Nonpareil	4	7	45	6	SOLID	1280	390	396	115	145
Ionic	4	7	45	4	SOLID	1970	438	443	115	145
Caslon	4	7	45	4	7	1938	442	447	115	145
Minion	2	7	45	4	SOLID	1970	609	617	155	195
Primer	2	7	45	4	7	1938	614	622	155	195
Century	2	7	45	2	7	3050	692	701	155	195
Corinthian	1/0	19	60	1/0	7	4752	1055	1066	205	265
Doric	2/0	19	60	2/0	7	5926	1319	1331	235	300
Tuscan	3/0	19	60	3/0	7	7366	1665	1667	275	350
Composite	4/0	19	60	4/0	7	9154	2088	2085	315	405

Quadruplex

Code Word	Copper Phase Conductor			Bare Copper Neutral Messenger			Weight Per 1000 Ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Insulation Thickness (mils.)	Size (AWG)	Stranding	Rated Strength (lbs.)	Polyethylene	XLP	Polyethylene	XLP
Atlanta	6	7	45	6	Solid	1280	368	374	75	95
Tallahassee	6	7	45	6	7	1228	369	376	75	95
Richmond	4	7	45	4	7	1938	573	581	100	125
Baton Rouge	4	7	45	4	Solid	1970	570	578	100	125
Jackson	2	7	45	2	Solid	3003	889	889	135	170
Seattle	2	7	45	2	7	3050	893	893	135	170
Nashville	1/0	19	60	1/0	7	4752	1420	1457	180	230
Lincoln	2/0	19	60	2/0	7	5926	1773	1773	205	265
Raleigh	3/0	19	60	3/0	7	7366	2220	2220	235	305
Denver	4/0	19	60	4/0	7	9154	2781	2803	270	350

+Ampacity figures for black insulation only. Based on conductor temperature of 75 C for polyethylene insulated conductors, 90 C for XLP insulated conductors, 40 C ambient temperature; 2 ft./sec. wind in sun.

*Manufactured with pride in DeKalb, IL USA.

Specification Data

ASTM B-1	Hard-drawn copper wire
ASTM B-3	Soft or annealed copper wire
ASTM B-8	Concentric-lay-stranded copper conductors, soft or hard temper
ANSI/ICEA S-76-474	

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