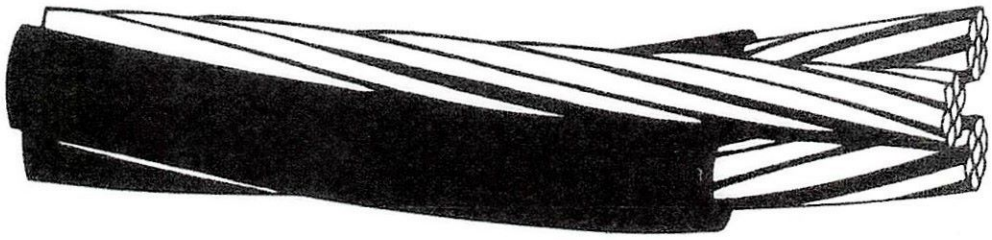
DCA005 = CENTURY
DCA006 = CASLON
DCA001 = CORINTHIAN
DCA002 = DORIC

Multiplex Service Drop-Copper

Copper Conductors. Polyethylene or Crosslinked Polyethylene Insulation.



APPLICATIONS

Used to supply power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. Also suitable for installations for street lighting, security lights, and temporary service for construction. To be used at voltages of 600 volts phase-to-phase or less and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors and 90°C for crosslinked polyethylene (XLP) insulated conductors.

SPECIFICATIONS

Southwire's multiplex service drop-copper meets or exceeds the following ASTM specifications:

- B-1 Hard-Drawn Copper Wire.
- B-3 Soft or Annealed Copper Wire.
- B-8 Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft.

Southwire's multiplex service drop-copper meets or exceeds all applicable requirements of ANSI/ICEA S-76-474 for polyethylene and crosslinked polyethylene insulated conductors.

CONSTRUCTION

Conductors are concentrically stranded compressed soft copper insulated with either crosslinked polyethylene, or conventional polyethylene. Neutral messengers are either solid or concentrically stranded bare hard-drawn copper.

Southwire
One Southwire Drive
Carrollton, Ga. 30119 USA

MADE IN ★ THE USA

Multiplex Service Drop

Code Word*	Phase Conductor			Neutral-Messenger			Nominal Lay Length	Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Cover Thick. (mils)	Size (AWG)	Stranding	Rated Strength (lbs.)	inches	XLP	Poly	XLP	Poly
DUPLEX											
Theta	8	7	45	10	1	529	10.36	--	95	85	70
Omega	8	1	45	8	1	826	10.36	--	110	85	70
Iota	8	7	45	8	1	826	10.36	--	113	85	70
Kappa	8	7	45	8	7	777	10.36	--	114	85	70
Lambda	6	7	45	8	1	826	10.36	--	146	110	90
Omicron	6	7	45	6	1	1280	10.36	--	175	110	90
Sigma	6	7	45	6	7	1228	10.36	--	177	110	90
TRIPLEX											
Pica	8	7	45	10	1	529	10.36	158	158	85	70
Columbian	8	1	45	8	1	826	10.36	171	171	85	70
Bodoni	8	7	45	8	1	826	10.36	176	176	85	70
Garamond	8	7	45	8	7	777	10.36	177	177	85	70
Tudor	6	7	45	8	1	826	14.88	242	242	110	90
Futura	6	7	45	6	1	1280	14.88	272	272	110	90
Gothic	6	7	45	6	7	1228	14.88	273	273	110	90
Nonpareil	4	7	45	6	1	1280	14.88	375	375	145	115
Ionic	4	7	45	4	1	1970	14.88	422	422	145	115
Caslon	4	7	45	4	7	1938	14.88	425	425	145	115
Minion	2	7	45	4	1	1970	20.58	585	585	195	155
Primer	2	7	45	4	7	1938	20.58	588	588	195	155
Century	2	7	45	2	7	3050	20.58	664	664	195	155
Corinthian	1/0	19	60	1/0	7	4752	20.58	1055	1055	265	205
Doric	2/0	19	60	2/0	7	5926	25.42	1319	1319	300	235

*Code words for XLP insulated products are formed by adding "XLP" to the conventional polyethylene code words above (e.g.-Theta/XLP).
+Ampacity figures for black insulation only. Based on conductor temperature of 75°C for polyethylene insulated conductors, 90°C for XLP insulated conductors, ambient temperature of 40°C; 2 ft./sec. wind in sun.

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Code Word*	Phase Conductor			Neutral-Messenger			Nominal Lay Length	Weight Per 1000 ft. (lbs.)		Allowable Ampacities+	
	Size (AWG)	Stranding	Cover Thick. (mils)	Size (AWG)	Stranding	Rated Strength (lbs.)	inches	XLP	Poly	XLP	Poly
QUADRUPLEX											
Atlanta	6	7	45	6	1	1280	20.58	--	368	95	75
Tallahassee	6	7	45	6	7	1228	20.58	--	369	95	75
Richmond	4	7	45	4	7	1938	20.58	--	573	125	100
Baton Rouge	4	7	45	4	1	1970	20.58	--	570	125	100
Jackson	2	7	45	2	1	3003	25.42	889	889	170	135
Seattle	2	7	45	2	7	3050	25.42	893	893	170	135
Nashville	1/0	19	60	1/0	7	4752	25.42	--	1420	230	180
Lincoln	2/0	19	60	2/0	7	5926	29.97	1773	1773	265	205
Raleigh	3/0	19	60	3/0	7	7366	35.18	2220	2220	305	235
Denver	4/0	19	60	4/0	7	9154	35.18	2781	2781	350	270

*Code words for XLP insulated products are formed by adding "XLP" to the conventional polyethylene code words above (e.g.-Theta/XLP).
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