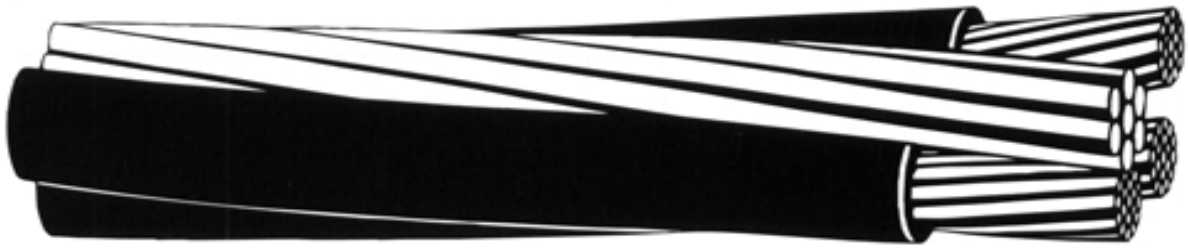
ICC CABLE CORP.

QUADRUPLEX SERVICE DROP



APPLICATIONS

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

CONSTRUCTION

Conductors are concentrically stranded, compressed 1350-H19 aluminum. Insulated with either polyethylene or XLP crosslinked polyethylene. Neutral messengers are concentrically stranded 6201, AAC, or ACSR. One conductor is manufactured with an extruded ridge for phase identification.

STANDARDS

ASTM B-230, B-231, B-232, and B-399
ICEA S-76-474

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CODE NAME*	PHASE CONDUCTOR			BARE NEUTRAL MESSENGER			WEIGHT (LBS/MFT)		RATING (AMPS)	
	SIZE (AWG)	STRAND	INSULATION THICKNESS (MLS)	SIZE (AWG)	STRAND	BREAKING STRENGTH (LBS)	XLP	POLY	XLP	POLY
AAC NEUTRAL-MESSENGER										
Clydesdale	4	Solid	45	4	7	881	208	201.8	100	80
Pinto	4	7/w	45	4	7	881	223	207.9	100	80
Mustang	2	7/w	45	2	7	1,350	333	312.6	135	105
Criollo	1/0	19/w	60	1/0	7	1,990	529	504.5	180	140
Percheron	2/0	19/w	60	2/0	7	2,510	649	620.5	205	160
Hanoverian	3/0	19/w	60	3/0	19	3,310	799	765.6	235	185
Oldenburg	4/0	19/w	60	4/0	19	4,020	986	946.7	275	210
Lippizaner	336.4	19/w	80	336.4	19	6,146	1,546	1,519.2	370	280
ACSR NEUTRAL-MESSENGER										
Morochuca	6	Solid	45	6	6/1	1,190	152	147.4	75	60
Chola	6	7/w	45	6	6/1	1,190	162	151.7	75	60
Morgan	4	Solid	45	4	6/1	1,860	226	220	100	80
Hackney	4	7/w	45	4	6/1	1,860	241	226.1	100	80
Palomino	2	7/w	45	2	6/1	2,850	362	342.6	135	105
Costena	1/0	19/w	60	1/0	6/1	4,380	575	550.6	180	140
Grullo	2/0	19/w	60	2/0	6/1	5,310	707	678.7	205	160
Suffolk	3/0	19/w	60	3/0	6/1	6,620	872	838.9	235	185
Appaloosa	4/0	19/w	60	4/0	6/1	8,350	1079	1039.2	275	210
Bronco	336.4	19/w	80	336.4	18/1	8,580	1613	1568.2	370	280
Gelding	336.4	19/w	80	4/0	6/1	8,350	1548	1494.3	370	280
Hurricane	500.0	37/w	80	336.4	26/7	14,100	2196	2186.0	458	398
6201 ALLOY NEUTRAL-MESSENGER										
Bay	6	Solid	45	6	7	1,110	145	140.0	75	60
French Coach	6	7/w	45	6	7	1,110	155	144.3	75	60
German Coach	4	Solid	45	4	7	1,760	214	208.3	100	80
Arabian	4	7/w	45	4	7	1,760	229	214.4	100	80
Belgian	2	7/w	45	2	7	2,800	344	323.1	135	105
Shetland	1/0	19/w	60	1/0	7	4,460	546	521.1	180	140
Thoroughbred	2/0	19/w	60	2/0	7	5,390	670	641.5	205	160
Trotter	3/0	19/w	60	3/0	7	6,790	825	791.8	235	185
Walking	4/0	19/w	60	4/0	7	8,560	1019	979.7	275	210

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES

**Designated sizes are: ACSR 6/1 diameter equivalent and AAC with equivalent resistivity per ASTM B-399 for 6201.*
Conductor temperature of 90°C for XLPE, 75°C for poly; ambient temperatures of 40°C; emissivity 0.9; 2ft./sec/wind in sun.
To determine current ampacity by conductor size, please consult The National Electric Code, latest edition.