

OVERHEAD ALUMINUM SERVICE DROP CABLE

DUPLEX, TRIPLEX & QUADRUPLEX

Construction

Conductors:

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

Application For Duplex:

- Primarily used for 120-volt overhead service applications such as street lighting, outdoor lighting, and temporary service. To be used at voltages of 600 volts or less at conductor temperatures not to exceed 75°C.

Application For Triplex:

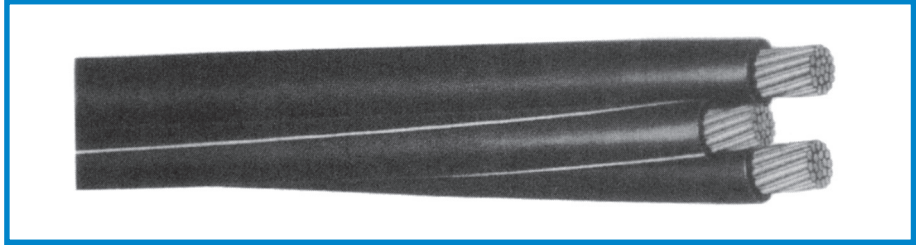
- Used to supply power, usually from a pole-mounted transformer, to the user's service head where connection to the service entrance cable is made. To be used at voltages of 600 volts or less phase to phase and at conductor temperatures not to exceed 75°C for polyethylene insulated conductors or 90°C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

Application For Quadruplex:

- Used to supply 3-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 insulated conductors (on special order).

Specifications:

- Service drop cable meets or exceeds the following ASTM specifications:
 - (a) B-230 Aluminum Wire, 1350-H19 for Electrical Purposes.
 - (b) B-231 Aluminum Conductors, Concentric-Lay-Stranded.
 - (c) B-232 Aluminum Conductors, Concentric-Lay-Stranded, Coated Steel Reinforced (ACSR)
- Service drop cable meets or exceeds all applicable requirements of ICEA S-61-402 for polyethylene insulated conductors and ICEA S-66-524 for crosslinked polyethylene.



CUSTOM CATALOG NUMBER	CODE NAME	PHASE CONDUCTOR			NEUTRAL MESSENGER			CURRENT	NOMINAL WEIGHT
		SIZE (AWG)	STRAND	NOM. INSUL. THICK (INCHES)	SIZE (AWG)	STRAND	RATED STRENGTH	AMPS ¹	LBS/MFT
DUPLEX (1 INSULATED - 1 BARE)									
29003	SHEPHERD	6	7	0.045	6	6/1	1,190	70	75
29005	TERRIER	4	7	0.045	4	6/1	1,860	90	114
TRIPLEX (2 INSULATED - 1 BARE)									
29100	VOLUTA	6	7	0.045	6	6/1	1,190	70	113
29101	PERIWINKLE	4	7	0.045	4	6/1	1,860	90	170
29103	CONCH	2	7	0.045	2	6/1	2,850	120	258
29104	NERITINA	1/0	7	0.060	1/0	6/1	4,380	160	416
29105	RUNCINA	2/0	7	0.060	2/0	6/1	5,310	185	514
29106	ZUZARA	4/0	19	0.060	4/0	6/1	8,350	245	790
QUADRUPLEX (3 INSULATED - 1 BARE)									
29199	CHOLA	6	7	0.045	6	6/1	1,190	60	152
29200	HACKNEY	4	7	0.045	4	6/1	1,860	80	226
29201	PALOMINO	2	7	0.045	2	6/1	2,850	105	342
29202	COSTENA	1/0	19	0.060	1/0	6/1	4,380	140	551
29203	GRULLO	2/0	19	0.060	2/0	6/1	5,310	160	679
29204	APPALOOSA	4/0	19	0.060	4/0	6/1	8,350	210	1039

1 Conductor temperature of 75°C; ambient temperatures of 40°C; emissivity 0.9; 2ft./sec. wind in sun.



Custom Cable Corp.