

Service Drop

**Applications**

Aluminum conductor, with steel support strand, covered with weatherproof HMW (high molecular weight) polyethylene for overhead transmission of power.

Specifications

- CONDUCTOR: Aluminum conductor complying with ASTM B-232
- INSULATION: Polyethylene conforms to ASTM D-1248, the self-supporting version includes a neutral messenger
- ASSEMBLY: The bare messenger's direction of lay of the outer layer of stranded wire is right-handed
- AMPACITY: Based on a 40°C ambient temperature, 75°C conductor temperature, a wind velocity of 2 ft./sec. and an emissivity factor of 0.5 with no sun per ANSI/IEEE Std. 738-1976 and The Aluminum Association Std. 55
- TEMPERATURE: 75°C
- VOLTAGE: 600 V

Duplex

Part No.	Code Name	Conductor Size AWG/kcmil	No. of Strands	Insulation Thickness (in.)	ACSR Neutral Messenger AWG	Strands AL/Steel	Approx. Wt. lb./1,000 ft.	Amps per Conductor
SHEPHERD	Shepherd	6	7	0.060	6	6/1	75	90
TERRIER	Terrier	4	10/30	0.045	4	6/1	120	110
CHOW	Chow	2	7	0.045	6	6/1	75	80
BULL	Bull	1/0	10/30	0.045	1/0	6/1	293	195

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Triplex

Part No.	Code Name	Conductor Size AWG/kcmil	No. of Strands	Insulation Thickness (in.)	ACSR Neutral Messenger AWG	Strands AL/Steel	Approx. Wt. lb./1,000 ft.	Amps per Conductor
CONCH	Conch	2	7	0.045	2	6/1	267	145
MURSIA	Mursia	3/0	19	0.060	3/0	6/1	646	235
NERITINA	Neritina	1/0	7	0.060	1/0	6/1	429	195
PERIWINKLE	Periwinkle	4	7	0.045	4	6/1	176	125
RUNCINA	Runcina	2/0	7	0.060	2/0	6/1	530	225
TRITON	Triton	2/0	19	0.060	2/0	6/1	522	225
VOLUTA	Voluta	6	7	0.045	6	6/1	117	80
ZUZARA	Zuzara	4/0	19	0.060	4/0	6/1	804	300

Quadruplex

Cross-Linked Polyethylene (XLP) insulation and copper conductors also available. Diameters and weights may vary among manufacturers.

Part No.	Code Name	Conductor Size AWG/kcmil	No. of Strands	Insulation Thickness (in.)	ACSR Neutral Messenger AWG	Strands AL/Steel	Approx. Wt. lb./1,000 ft.	Amps per Conductor
APPALOOSA	Appaloosa	4/0	19	0.060	4/0	6/1	1,060	280
CHOLA	Chola	6	7	0.045	6	6/1	157	75
COSTENA	Costena	1/0	19	0.060	1/0	6/1	561	180
GRULLO	Grullo	2/0	19	0.060	2/0	6/1	692	205
HACKNEY	Hackney	4	7	0.045	4	6/1	235	75
MUSTANG	Mustang	2	7	0.045	2	6/1	333	130
PALOMINO	Palomino	2	7	0.060	2	6/1	355	145
SUFFOLK	Suffolk	3/0	19	0.060	3/0	6/1	853	240

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