

600V Duplex Aluminum Conductor, PE or XPLE Insulation



Product Construction

Conductor:

- Concentrically stranded, compressed 1350-H19 aluminum

Insulation:

- Polyethylene or cross-linked polyethylene

Assembly:

- Insulated aluminum conductor with a bare neutral messenger

Jacket:

- None

Applications

- Used to supply 120 volt aerial service for temporary service at construction sites, outdoor or street lighting
- For service at 600 volts or lower at a conductor temperature of 75°C maximum

Standards

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

Duplex Service Drop



Part #	Phase Conductor AWG	Phase Conductor Stranding	Phase Conductor Insul. Thick. Mils	Neutral AWG	Bare Neutral Rated Strgth. Lbs.	Lbs./M (XLP)	Lbs./M (PE)
Setter	6	Solid	45	6	1190	75.0	73.2
Chihuahua	6	Solid	45	6	1110	67.6	65.8
Collie	6	7/w	45	6	563	66.8	63.1
SHEPARD	6	7/w	45	6	1190	76.1	74.6
Pekingese	6	Solid	45	6	563	63.5	61.7
Vizsla	6	7/w	45	6	1110	70.9	67.2
Eskimo	4	Solid	45	4	1860	113.7	111.6
Dachshund	4	Solid	45	4	881	95.5	93.4
Spaniel	4	7/w	45	4	881	100.5	95.4
Harrier	4	Solid	45	4	1760	102.0	99.9
TERRIER	4	7/w	45	4	1860	118.7	113.6
Whippet	4	7/w	45	4	1760	107.0	101.9
Schnauzer	2	7/w	45	2	2800	163.3	156.2
Chow	2	7/w	45	2	2850	181.7	174.7
Doberman	2	7/w	45	2	1350	152.7	145.7
Bull	1/0	19/w	60	1/0	4380	288.7	280.3
Malemute	1/0	19/w	60	1/0	1990	242.6	234.2
Heeler	1/0	19/w	60	1/0	4460	259.2	250.8

*Conductor temperature of 90°C for XLP, 75°C for polyambient temperatures of 40°C

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances.