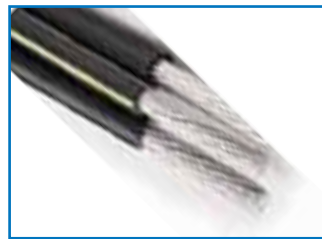


600V Aluminum Conductor, XLP Insulation



PRODUCT CONSTRUCTION

Conductor:

Aluminum alloy 1350-H19, compressed Class B stranding

Insulation:

- Phase conductor: Black thermoset cross-linked polyethylene (XLPE)

Jacket:

None

Configuration

Single: one black phase Insulated conductor

STANDARDS

- ICEA S-105-692
- RUS accepted
- UL854
- Service-Entrance Cables

APPLICATIONS

- Used for secondary distribution and underground service at 600 volts or less
- May be used in ducts or direct burial

Secondary URD - Duplex



Part #	Phase Conductor AWG	Phase Conductor Stranding	Phase Conductor Insul. Thick. Mils	Phase Conductor Insul. Thick. Mils	Lbs./M'
Princeton	6	7	60	.31	45
Mercer	4	7	60	.35	65
Clemson	2	7	60	.41	94
Kenyon	1	19	80	.49	125
Harvard	1/0	19	80	.53	150
Yale	2/0	19	80	.57	182
Tufts	3/0	19	80	.62	221
BELOIT	4/0	19	80	.68	271
Hofstra	250	37	95	.76	323
Gonzaga	300	37	95	.81	377
Rutgers	350	37	95	.86	431
Dartmouth	400	37	95	.91	485
Brown	450	37	95	.95	539
Emory	500	37	95	.99	592
Duke	600	61	110	1.10	711
Furman	700	61	110	1.17	816
Sewanee	750	61	110	1.20	870
Fordham	1000	61	110	1.35	1129

* A: NEC Table 310.16. -No more than 3 current-carrying conductors in a Raceway, cable, or earth (Directly Buried), based on ambient temperature of 30°C

* B: NEC Table 310.17. – Single insulated conductors in free-air, based on ambient temperature of 30°C

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. Please verify specific requirements with your Omni Cable account manager.