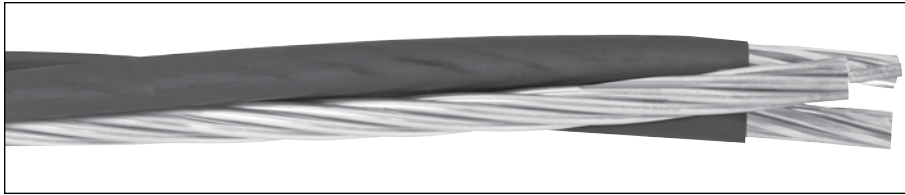


PowrServ® OH Service Drop Cable Neutral-Supported

600 V Triplex Al Conductor XLPE Insulation



POWRSERV OH TRIPLEX SERVICE DROP - XLPE INSULATION - 600 VOLTS

CODE WORD	PHASE CONDUCTOR			NEUTRAL CONDUCTOR			EFF. O.D. INCHES	APPROX. WEIGHT LB/1000 FT		AMPS (2)	PACKAGING (3)	
	SIZE AWG	NO. OF WIRES (1)	INS. THKN. INCHES	SIZE AWG	NO. OF WIRES	RATED STRG. POUNDS		AL	TOTAL		TYPE & SIZE	LENGTH FEET

ALUMINUM 1350 FULL-SIZE NEUTRAL MESSENGER

Haiotis/XP	6	1	0.045	6	7	563	0.50	73	97	110	COIL NR 30.18	1000 2500
Patella/XP	6	7	0.045	6	7	563	0.53	74	102	110	COIL NR 30.18	1000 2200
Oyster/XP	4	7	0.045	4	7	881	0.63	118	153	145	COIL NR 30.18	500 1500
Clam/XP	2	7	0.045	2	7	1350	0.76	187	232	195	COIL NR 32.24	500 1800
Pyrula/XP	1	7	0.060	1	7	1640	0.90	236	305	225	COIL NR 36.24	500 1500
Hyas/XP	1	19	0.060	1	7	1640	0.87	236	297	225	COIL NR 36.24	500 1500
Murex/XP	1/0	7	0.060	1/0	7	1990	0.97	298	373	260	COIL NR 36.24	500 1200
Purpura/XP	1/0	19	0.060	1/0	7	1990	0.96	298	366	260	COIL NR 36.24	500 1200
Nassa/XP	2/0	7	0.060	2/0	7	2510	1.06	375	461	300	NR 42.26	1500
Trophon/XP	2/0	19	0.060	2/0	7	2510	1.05	375	451	300	NR 42.26	1500
Melita/XP	3/0	19	0.060	3/0	19	3310	1.16	473	558	350	NR 42.26	1300
Coquina/XP	4/0	7	0.060	4/0	7	3830	1.29	597	708	405	NR 42.26	1000
Portunus/XP	4/0	19	0.060	4/0	19	4020	1.29	597	693	405	NR 42.26	1000

ALUMINUM 1350 REDUCED-SIZE NEUTRAL MESSENGER

Limpet/XP	4	7	0.045	6	7	563	0.60	102	137	145	COIL NR 30.18	500 1500
Mussel/XP	2	7	0.045	4	7	881	0.72	164	209	195	COIL NR 32.24	500 1800
Snail/XP	1/0	7	0.060	2	7	1350	0.92	261	337	260	COIL NR 32.24	500 1200

- (1) Actual number of wires may differ for compressed round stranded aluminum conductors using single input wire (SIW).
 (2) Ampacities are based on conductor temperature of 65°C over 25°C ambient, 2 ft/sec crosswind, .9 coefficient of emissivity, no sun. For specific ampacities, contact your General Cable sales representative.
 (3) Normal length and shipping tolerances apply. Reel sizes may vary. MasterPak reel-less packaging is available - see Section 6 for description and typical dimensions for selected low-voltage products.

Dimensions and weights not designated minimum or maximum are nominal values and subject to manufacturing tolerances. In this context, weight means mass.

Product Construction:

Complete Cable:

Overhead (OH) triplex service drop cable consists of two aluminum conductors insulated with extruded lead-free Cross-linked Polyethylene (XLPE), twisted around a bare conductor which serves as a supporting neutral. Service drop cable meets the requirements of ANSI/ICEA S-76-474.

Insulated Conductors:

The all-aluminum stranded conductors are Class A, Class B, or SIW compressed 1350-H19 aluminum. Solid conductors are H16 temper.

Insulation:

The insulation is black extruded lead-free Cross-linked Polyethylene (XLPE).

Bare Neutral:

The all-aluminum stranded conductors are Class AA or Class A 1350-H19 (AAC) or 6201-T81 alloy (AAAC). The aluminum conductor steel reinforced (ACSR) is Class AA. The direction of lay of the outer layer is right-hand.

Phase Identification:

Phase identification is provided by means of white print legend markings on one phase conductor.

Features and Benefits:

The insulated conductors of service drop cables are resistant to weathering, sunlight, abrasion, tearing, cutting and chemicals. This cable is rated at 600 volts with a maximum conductor operating temperature of 90°C for cross-linked polyethylene insulation.

Applications:

Triplex service drop cable is intended to deliver 3-wire single phase power from the secondary power line or pole mounted transformer to the service-entrance conductors at the user's building or other structure. It may also be used as pole line secondary with service splices at the pole or in mid-span.

Options:

- Aluminum 1350-H16 or H26 (¾ Hard) stranded conductor
- Copper conductors
- High-molecular-weight Polyethylene (PE) insulation, 75°C rating
- High-Density Polyethylene (HDPE) insulation, 75°C rating
- MasterPak® reel-less packaging

PowrServ® OH Service Drop Cable Neutral-Supported

600 V Triplex Al Conductor XLPE Insulation



POWRSERV OH TRIPLEX SERVICE DROP - XLPE INSULATION - 600 VOLTS

CODE WORD	PHASE CONDUCTOR			NEUTRAL CONDUCTOR			EFF. O.D. INCHES	APPROX. WEIGHT LB/1000 FT		AMPS (2)	PACKAGING (3)	
	SIZE AWG	NO. OF WIRES (1)	INS. THKN. INCHES	SIZE AWG	NO. OF WIRES	RATED STRG. POUNDS		AL	TOTAL		TYPE & SIZE	LENGTH FEET

ACSR FULL-SIZE NEUTRAL MESSENGER

Paludina/XP	6	1	0.045	6	6/1	1190	0.51	73	108	110	COIL NR 30.18	1000 2500
Voluta/XP	6	7	0.045	6	6/1	1190	0.54	74	114	110	COIL NR 30.18	1000 2200
Whelk/XP	4	1	0.045	4	6/1	1860	0.61	116	163	145	COIL NR 30.18	500 1700
Weakfish/XP	4	1	0.045	4	7/1	2360	0.62	116	173	145	COIL NR 30.18	500 1500
Periwinkle/XP	4	7	0.045	4	6/1	1860	0.64	118	172	145	COIL NR 30.18	500 1500
Conch/XP	2	7	0.045	2	6/1	2850	0.77	187	262	195	COIL NR 36.24	500 1800
Vermeths/XP	1	7	0.060	1	6/1	3550	0.91	236	342	225	COIL NR 36.24	500 1500
Atya/XP	1	19	0.060	1	6/1	3550	0.89	236	334	225	COIL NR 36.24	500 1500
Neritina/XP	1/0	7	0.060	1/0	6/1	4380	0.99	297	420	260	COIL NR 36.24	500 1200
Cenia/XP	1/0	19	0.060	1/0	6/1	4380	0.98	297	413	260	COIL NR 36.24	500 1200
Runcina/XP	2/0	7	0.060	2/0	6/1	5300	1.09	375	520	300	NR 42.26	1500
Triton/XP	2/0	19	0.060	2/0	6/1	5300	1.08	375	510	300	NR 42.26	1500
Cherrystone/XP	3/0	7	0.060	3/0	6/1	6620	1.20	472	644	350	NR 42.26	1300
Mursia/XP	3/0	19	0.060	3/0	6/1	6620	1.19	472	632	350	NR 42.26	1300
Razor/XP	4/0	7	0.060	4/0	6/1	8350	1.32	596	801	405	NR 42.26	1000
Zuzara/XP	4/0	19	0.060	4/0	6/1	8350	1.31	596	786	405	NR 42.26	1000

ACSR REDUCED-SIZE NEUTRAL MESSENGER

Scallop/XP	4	1	0.045	6	6/1	1190	0.58	101	142	145	COIL NR 30.18	500 1700
Strombus/XP	4	7	0.045	6	6/1	1190	0.61	103	150	145	COIL NR 30.18	500 1500
Cockle/XP	2	7	0.045	4	6/1	1860	0.73	164	228	195	COIL NR 32.24	500 1800
Janthina/XP	1/0	7	0.060	2	6/1	2850	0.93	261	366	260	COIL NR 32.24	500 1200
Ranella/XP	1/0	19	0.060	2	6/1	2850	0.92	261	358	260	COIL NR 36.24	500 1200
Cavolina/XP	2/0	7	0.060	1	6/1	3550	1.02	329	452	300	NR 40.24	1500
Clio/XP	2/0	19	0.060	1	6/1	3550	1.01	329	442	300	NR 40.24	1500
Sanddollar/XP	3/0	7	0.060	1/0	6/1	4380	1.13	414	558	350	NR 40.24	1300
Aega/XP	3/0	19	0.060	1/0	6/1	4380	1.12	414	547	350	NR 40.24	1300
Cuttlefish/XP	4/0	7	0.060	2/0	6/1	5300	1.24	522	692	405	NR 40.24	1000
Cerapus/XP	4/0	19	0.060	2/0	6/1	5300	1.23	522	677	405	NR 40.24	1000

(1) Actual number of wires may differ for compressed round stranded aluminum conductors using single input wire (SIW).
 (2) Ampacities are based on conductor temperature of 65°C over 25°C ambient, 2 ft/sec crosswind, .9 coefficient of emissivity, no sun. For specific ampacities, contact your General Cable sales representative.
 (3) Normal length and shipping tolerances apply. Reel sizes may vary. MasterPak® reel-less packaging is available - see Section 6 for description and typical dimensions for selected low-voltage products. Dimensions and weights not designated minimum or maximum are nominal values and subject to manufacturing tolerances. In this context, weight means mass.

PowrServ® OH Service Drop Cable Neutral-Supported

600 V Triplex Al Conductor XLPE Insulation



POWRSERV OH TRIPLEX SERVICE DROP - XLPE INSULATION - 600 VOLTS												
CODE WORD	PHASE CONDUCTOR			NEUTRAL CONDUCTOR			EFF. O.D. INCHES	APPROX. WEIGHT LB/1000 FT		AMPS (2)	PACKAGING (3)	
	SIZE AWG	NO. OF WIRES (1)	INS. THKN. INCHES	SIZE AWG	NO. OF WIRES	RATED STRG. POUNDS		AL	TOTAL		TYPE & SIZE	LENGTH FEET
ALUMINUM 6201-T81 FULL-SIZE NEUTRAL MESSENGER												
Hippa/XP	6	7	0.045	30.58	7	1110	0.54	78	106	110	COIL NR 30.18	1000 2200
Barnacles/XP	4	7	0.045	48.69	7	1760	0.64	124	160	145	COIL NR 30.18	500 1500
Shrimp/XP	2	7	0.045	77.47	7	2800	0.77	197	242	195	COIL NR 32.24	500 1800
Gammarus/XP	1/0	7	0.060	123.3	7	4280	0.99	313	389	260	COIL NR 36.24	500 1200
Leda/XP	1/0	19	0.060	123.3	7	4280	0.98	313	382	260	COIL NR 36.24	500 1200
Dungeness/XP	2/0	7	0.060	155.4	7	5390	1.09	395	481	300	NR 42.26	1500
Cyclops/XP	2/0	19	0.060	155.4	7	5390	1.08	395	472	300	NR 42.26	1500
Flustra/XP	3/0	19	0.060	195.7	7	6790	1.19	497	584	350	NR 42.26	1300
Lepas/XP	4/0	19	0.060	246.9	7	8560	1.31	627	724	405	NR 42.26	1000
6201-T81 REDUCED-SIZE NEUTRAL MESSENGER												
Artemia/XP	4	1	0.045	30.58	7	1110	0.58	106	134	145	COIL NR 30.18	500 1700
Crab/XP	4	7	0.045	30.58	7	1110	0.61	107	143	145	COIL NR 30.18	500 1500
Solaster/XP	2	7	0.045	48.69	7	1760	0.73	170	215	195	COIL NR 32.24	500 1800
Sandcrab/XP	1/0	7	0.060	77.47	7	2800	0.93	271	347	260	COIL NR 36.24	500 1200
Fulgar/XP	3/0	19	0.060	123.3	7	4280	1.12	431	516	350	NR 40.24	1300
Squid/XP	4/0	7	0.060	155.4	7	5390	1.24	543	654	405	NR 40.24	1000
Arca/XP	4/0	19	0.060	155.4	7	5390	1.23	543	639	405	NR 40.24	1000

(1) Actual number of wires may differ for compressed round stranded aluminum conductors using single input wire per ASTM B901.

(2) Ampacities are based on conductor temperature of 65°C over 25°C ambient, 2 ft/sec crosswind, .9 coefficient of emissivity, no sun. For specific ampacities, contact your General Cable sales representative.

(3) Normal length and shipping tolerances apply. Reel sizes may vary. MasterPak® reel-less packaging is available - see Section 6 for description and typical dimensions for selected low-voltage products.

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