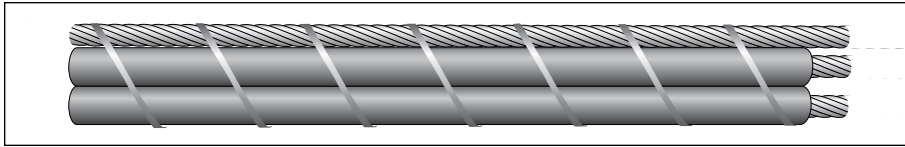


PowrServ® OH Secondary Cable Neutral-Supported Type PLAC

600 V Triplex Al Conductor XLPE Insulation Parallel Secondary (PLAC)



POWRSERV OH TRIPLEX PARALLEL SECONDARY - XLPE INSULATION - 600 VOLTS

CODE WORD	PHASE CONDUCTOR			NEUTRAL CONDUCTOR			O.D. INCHES		APPROX. WEIGHT LB/1000 FT		AMPS (2)	PACKAGING (3)	
	SIZE AWG OR kcmil	NO. OF WIRES (1)	INS. THKN. INCHES	SIZE AWG OR kcmil	NO. OF WIRES	RATED STRG. POUNDS	MINOR	MAJOR	AL	TOTAL		TYPE & SIZE	LENGTH FEET
ALUMINUM 6201-T81 FULL-SIZE NEUTRAL MESSENGER													
Fire Island/XP	2	7	0.045	77.47	7	2800	0.37	1.06	197	242	195	NR 40.26 NR 42.26	2100 3000
Hot Springs/XP	1/0	7	0.060	123.3	7	4270	0.47	1.34	314	382	260	NR 42.26 NR 50.32	2000 3500
Mesa Verde/XP	2/0	7	0.060	155.4	7	5390	0.52	1.48	396	472	300	NR 45.28 NR 50.32	1800 3010
Padre island/XP	3/0	7	0.060	195.7	7	6790	0.56	1.63	499	584	350	NR 42.26 NR 50.32	1560 2690
Tumacacori/XP	4/0	7	0.060	246.9	7	8560	0.62	1.80	629	724	405	NR 45.28 NR 50.32 NR 58.32	1290 2100 2960
-none-	266.8	19	0.080	312.8	19	10500	0.73	2.11	794	941	470	NR 42.26 NR 50.32 NR 66.36 NR 72.36	930 1585 2730 3700
-none-	336.4	19	0.080	394.5	19	13300	0.81	2.33	1002	1167	550	NR 50.32 NR 66.36 NR 66.36	1260 2390 3000
-none-	397.5	19	0.080	465.4	19	15600	0.86	2.51	1183	1363	610	NR 50.32 NR 66.36 NR 72.36	1050 2050 2600

ACSR FULL-SIZE NEUTRAL MESSENGER

Flathead/XP	2	7	0.045	2	6/1	2850	0.37	1.06	187	262	195	NR 40.26 NR 42.26	2100 3000
Homochitto/XP	1/0	7	0.060	1/0	6/1	4380	0.47	1.34	297	413	260	NR 42.26 NR 50.32	2000 3500
Malheur/XP	2/0	7	0.060	2/0	6/1	5300	0.52	1.48	375	510	300	NR 45.28 NR 50.32	1800 3010
Payette/XP	3/0	7	0.060	3/0	6/1	6620	0.56	1.63	472	632	350	NR 42.26 NR 50.32	1560 2690
Teton/XP	4/0	7	0.060	4/0	6/1	8350	0.62	1.80	596	786	405	NR 45.28 NR 50.32 NR 58.32	1290 2100 2960
-none-	266.8	19	0.060	266.8	26/7	11300	0.73	2.11	754	1018	470	NR 42.26 NR 50.32 NR 66.36 NR 72.36	930 1585 2730 3700
-none-	336.4	19	0.060	336.4	26/7	14100	0.81	2.33	950	1263	550	NR 50.32 NR 66.36 NR 66.36	1260 2390 3000
-none-	397.5	19	0.060	397.5	26/7	16300	0.86	2.51	1123	1477	610	NR 50.32 NR 66.36 NR 72.36	1050 2050 2600

(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.

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:

Triplex Parallel Lashed Aerial Cable (PLAC) consists of two aluminum conductors insulated with extruded lead-free Cross-linked Polyethylene, and one bare aluminum alloy or an ACSR conductor laid parallel to each other. The bare conductor, which serves as a supporting neutral, is in the outside position. The cable is bound together with lashing wire with a lay of from four to six inches.

Type PLAC 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.

Insulation:

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

Bare Neutral:

The all-aluminum alloy stranded conductors are Class AA or Class A 6201-T81 aluminum alloy (AAAC). The aluminum conductor steel reinforced (ACSR) is Class AA. The outer layer is right-hand.

Lashing Wire:

Aluminum 1350 wire, either flat wire approximately #10 AWG with beveled edges or #10 AWG wire covered with high-density polyethylene.

Features and Benefits:

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

Applications:

Triplex parallel lashed aerial cable is used as a secondary overhead distribution cable for 3-wire single phase power.

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