

PRIORITY-PLEX™ Cable 600/1000V with Ground Brown, Orange, Yellow, Gray



APPLICATION:

Priority-Plex™ XHHW-2 Conductors are primarily used for power distribution where light weight and flexibility are desired. XHHW-2 600/1000 volt conductors may be used in wet or dry locations at conductor operating temperatures not exceeding 90°C. Suitable for installation in raceways, channels, conduits and ducts, for ambient temperatures down to -40°C, and for use in accordance with National Electrical Code.

CONDUCTORS:

- Compact stranded AA-8000 series aluminum alloy

INSULATION:

- Cross-linked polyethethylene (XLPE), solid colored, UL listed for sunlight resistant, -40°C

COLOR CODE:

277/480V

- 4+1: Brown, Orange, Yellow, Gray + Green Ground

Note: Additional color code options are available upon request

ASSEMBLY:

- Insulated phase conductors with slick jacket are plex'd with an insulated ground wire

SPECIFICATIONS:

- UL44/C22.2 No.38
- UL 1685
- UL 2556
- ASTM B800
- ASTM B801

Part Number	Conductor Size	No. of Conductors	Ground Wire Size	Insulation Thickness		Approx Conductor Diameter		Approx Plexed Cable Diameter		Approx Plexed Cable Weight	Cable Ampacity* @90°C
	AWG/kcmil		AWG/kcmil	inches	mm	inches	mm	inches	mm	lbs/kft	amps
FOUR CONDUCTORS PLUS GROUND											
6-04PPLEX-BOYG-6G**	6	4	6	0.045	1.15	0.26	6.6	0.71	18.1	195	55
4-04PPLEX-BOYG-6G**	4	4	6	0.045	1.15	0.31	7.9	0.80	20.4	270	75
2-04PPLEX-BOYG-6G**	2	4	6	0.045	1.15	0.36	9.2	0.91	23.2	378	100
1-04PPLEX-BOYG-4G**	1	4	4	0.055	1.40	0.41	10.4	1.06	27.0	505	115
1/0-04PPLEX-BOYG-4G	1/0	4	4	0.055	1.40	0.45	11.4	1.14	29.0	595	135
2/0-04PPLEX-BOYG-4G	2/0	4	4	0.055	1.40	0.49	12.4	1.23	31.3	720	150
3/0-04PPLEX-BOYG-4G	3/0	4	4	0.055	1.40	0.54	13.7	1.33	33.9	875	175
4/0-04PPLEX-BOYG-2G	4/0	4	2	0.055	1.40	0.59	15.0	1.47	37.4	1070	205
250-04PPLEX-BOYG-1G	250	4	1	0.065	1.65	0.65	16.5	1.62	41.2	1315	230

All values are nominal and subject to correction.

*Ampacities for aluminum conductors in raceway or cable based on an ambient temperature of 30°C per NEC Table 310.16 for 3 current carrying conductors

**Non-stock item available for order



1-800-945-5542
www.PriorityWire.com



PRIORITY-PLEX™ Cable 600/1000V with Ground

Brown, Orange, Yellow, Gray



Part Number	Conductor Size	No. of Conductors	Ground Wire Size	Insulation Thickness		Approx Conductor Diameter		Approx Plexed Cable Diameter		Approx Plexed Cable Weight	Cable Ampacity* @90°C
	AWG/kcmil		AWG/kcmil	inches	mm	inches	mm	inches	mm	lbs/kft	amps
FOUR CONDUCTORS PLUS GROUND											
300-04PPLEX-BOYG-1G**	300	4	1	0.065	1.65	0.70	17.8	1.73	44.0	1505	260
350-04PPLEX-BOYG-1/0G**	350	4	1/0	0.065	1.65	0.75	19.1	1.86	47.3	1735	280
400-04PPLEX-BOYG-1/0G**	400	4	1/0	0.065	1.65	0.79	20.1	1.95	49.6	1950	305
500-04PPLEX-BOYG-1G**	500	4	1	0.065	1.65	0.87	22.1	2.11	53.7	2318	350
500-04PPLEX-BOYG-2/0G	500	4	2/0	0.065	1.65	0.87	22.1	2.13	54.2	2390	350
500-04PPLEX-BOYG-250G**	500	4	250	0.065	1.65	0.87	22.1	2.22	56.5	2520	350
600-04PPLEX-BOYG-2/0G**	600	4	2/0	0.080	2.04	0.98	24.9	2.36	60.1	2875	385
600-04PPLEX-BOYG-400G	600	4	400	0.080	2.04	0.98	24.9	2.53	64.4	3160	385
600-04PPLEX-BOYG-600G	600	4	600	0.080	2.04	0.98	24.9	2.65	67.5	3390	385
700-04PPLEX-BOYG-2/0G**	700	4	2/0	0.080	2.04	1.04	26.5	2.50	63.6	3280	425
750-04PPLEX-BOYG-3/0G**	750	4	3/0	0.080	2.03	1.07	27.2	2.58	65.7	3530	435
750-04PPLEX-BOYG-750G**	750	4	750	0.080	2.03	1.07	27.2	2.91	74.1	4155	435
900-04PPLEX-BOYG-3/0G**	900	4	3/0	0.080	2.04	1.17	29.8	2.82	71.8	4190	480
900-04PPLEX-BOYG-900G**	900	4	900	0.080	2.04	1.17	29.8	3.17	80.7	4910	480

All values are nominal and subject to correction.

*Ampacities for aluminum conductors in raceway or cable based on an ambient temperature of 30°C per NEC Table 310.16 for 3 current carrying conductors

**Non-stock item available for order



1-800-945-5542
www.PriorityWire.com



©2024 Priority Wire & Cable
01-2024