

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



## 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

- 3+1: Brown, Orange, Yellow + 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
<b>THREE CONDUCTORS PLUS GROUND</b>											
6-03PPLEX-BOY-6G**	6	3	6	0.045	1.15	0.26	6.6	0.64	16.3	162	55
4-03PPLEX-BOY-6G**	4	3	6	0.045	1.15	0.31	7.9	0.72	18.3	215	75
2-03PPLEX-BOY-6G**	2	3	6	0.045	1.15	0.36	9.2	0.82	20.9	298	100
1-03PPLEX-BOY-4G**	1	3	4	0.055	1.40	0.41	10.4	0.94	23.9	396	115
1/0-03PPLEX-BOY-4G	1/0	3	4	0.055	1.40	0.45	11.5	1.03	26.2	470	135
1/0-03PPLEX-BOY-2G**	1/0	3	2	0.055	1.40	0.45	11.5	1.03	26.2	488	135
2/0-03PPLEX-BOY-4G	2/0	3	4	0.055	1.40	0.49	12.5	1.13	28.8	560	150
3/0-03PPLEX-BOY-4G	3/0	3	4	0.055	1.40	0.54	13.7	1.18	30.0	670	175
4/0-03PPLEX-BOY-2G	4/0	3	2	0.055	1.40	0.59	15.0	1.30	33.1	825	205

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  
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	AWG/kcmil		AWG/kcmil	inches	mm	inches	mm	inches	mm	lbs/kft	amps
<b>THREE CONDUCTORS PLUS GROUND</b>											
250-03PPLEX-BOY-2G	250	3	2	0.065	1.65	0.65	16.5	1.44	36.7	990	230
300-03PPLEX-BOY-2G**	300	3	2	0.065	1.65	0.70	17.8	1.54	39.2	1150	260
350-03PPLEX-BOY-2G**	350	3	2	0.065	1.65	0.75	19.1	1.63	41.5	1285	280
400-03PPLEX-BOY-1G**	400	3	1	0.065	1.65	0.79	20.1	1.72	43.8	1465	305
500-03PPLEX-BOY-1G**	500	3	1	0.065	1.65	0.87	22.1	1.88	47.9	1770	350
500-03PPLEX-BOY-2/0G	500	3	2/0	0.065	1.65	0.87	22.1	1.88	47.9	1819	350
600-03PPLEX-BOY-1G**	600	3	1	0.080	2.04	0.98	24.9	2.13	54.2	2140	385
700-03PPLEX-BOY-1/0G**	700	3	1/0	0.080	2.04	1.04	26.5	2.25	57.3	2480	425
750-03PPLEX-BOY-1/0G**	750	3	1/0	0.080	2.04	1.07	27.2	2.32	59.1	2630	435
900-03PPLEX-BOY-1/0G**	900	3	1/0	0.080	2.04	1.17	29.8	2.53	64.4	3095	480

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