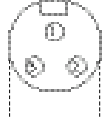
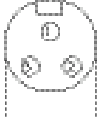
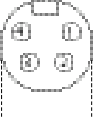



DROP/BRANCH CORDSETS/ RECEPTACLES

Brad Power cordsets for drop and branch circuits feature a compact mini style connector, which allows for the quick connection of field devices to trunk/feeder circuits. Available in 3 and 4 pole configurations with 14 or 16 AWG cable, drop/branch circuits can be wired quickly and easily for applications up to 15A, 600VAC/DC.

As the termination point at motors and devices, Brad Power receptacles offer a quick connect interface to your device or cabinet. Accessories such as closure caps maintain sealing integrity and provide convenient “stop points” for expandable power systems. Multiple key options enable differentiated circuits on trunk/feeder lines. 1/2-14NPT mounting thread.

Connectors

	3P/14 AWG	3P/16 AWG	4P/14 AWG	4P/16 AWG
FEMALE FACE VIEW				
COLOR CODES	1 – GREEN (GRND) 2 – BLACK 3 – WHITE	1 – GREEN (GRND) 2 – BLACK 3 – WHITE	1 – BLACK 2 – WHITE 3 – RED 4 – GREEN (GRND)	1 – BLACK 2 – WHITE 3 – RED 4 – GREEN (GRND)
VOLTAGE	600VAC/VDC	600VAC/VDC	600VAC/VDC	600VAC/VDC
CURRENT	15A	13A	15A	10A

Female Single-Ended Cordsets

CONFIGURATION	3P/14 AWG	3P/16 AWG	4P/14 AWG	4P/16 AWG
STRAIGHT (FIG. 1)	103000A46M010	103000A45M010	104000A46M010	104000A45M010
90° (FIG. 2)	103001A46M010	103001A45M010	104001A46M010	104001A45M010
MATING MALE RECEPT. (FIG. 6)	1R3006A28A120G	1R3006A20A120G	1R4006A28A120G	1R4006A20A120G

Male Single-Ended Cordsets

CONFIGURATION	3P/14 AWG	3P/16 AWG	4P/14 AWG	4P/16 AWG
STRAIGHT (FIG. 3)	103006A46M010	103006A45M010	104006A46M010	104006A45M010
90° (FIG. 4)	103007A46M010	103007A45M010	104007A46M010	104007A45M010
MATING FEMALE RECEPT. (FIG. 5)	1R3000A28A120G	1R3000A20A120G	1R4000A28A120G	1R4000A20A120G

Female/Male Double-Ended Cordsets

CONFIGURATION	3P/14 AWG	3P/16 AWG	4P/14 AWG	4P/16 AWG
STRAIGHT/STRAIGHT (FIG. 1/3)	113030A46M010	113030A45M010	114030A46M010	114030A45M010
90°/STRAIGHT (FIG. 2/3)	113031A46M010	113031A45M010	114031A46M010	114031A45M010
STRAIGHT/90° (FIG. 1/4)	113032A46M010	113032A45M010	114032A46M010	114032A45M010
90°/90° (FIG. 2/4)	113033A46M010	113033A45M010	114033A46M010	114033A45M010

Receptacles and Accessories

CONFIG.	MOUNT. THREAD	3P/14 AWG	3P/16 AWG	4P/14 AWG	4P/16 AWG	CLOSURE CAP
FEMALE (FIG. 5)	1/2-14NPT	1R3000A28A120G	1R3000A20A120G	1R4000A28A120G	1R4000A20A120G	65-0085
MALE (FIG. 6)	1/2-14NPT	1R3006A28A120G	1R3006A20A120G	1R4006A28A120G	1R4006A20A120G	65-0086

Options: Use the following chart to modify your part's specifications.

for cordsets **103000A46M005**

↓

CABLE LENGTH

0.5 METERS 005

10 METERS 100

for receptacles **1R3000A28A120G**

↓

CABLE LENGTH

1 INCH 010

12 INCHES 120

SPECIFICATIONS

- MECHANICAL**
 CONNECTOR FACE: GRAY PVC
 BODY: BLACK PVC
 COUPLING NUT: ZINC DIECAST WITH BLACK EPOXY COATING
 CONTACT: COPPER ALLOY WITH GOLD OVER NICKEL PLATING
 CABLE: GRAY PVC, 14 AWG AND 16 AWG, DUAL RATED UL TC/OPEN WIRING AND STOOW
 OUTSIDE DIAMETER: 14/3 0.555", 14/4 0.585", 16/3 0.395", 16/4 0.430"
- ELECTRICAL**
 VOLTAGE RATING: 600VAC/DC
 AMPERAGE: 10A (16 AWG), 15A (14 AWG)

Connector Dimensions

FEMALE STRAIGHT W/ INTERNAL THREAD

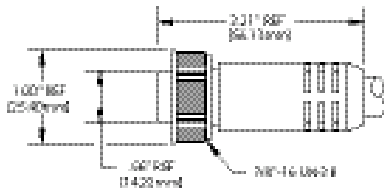


FIG. 1

MALE STRAIGHT W/ EXTERNAL THREAD

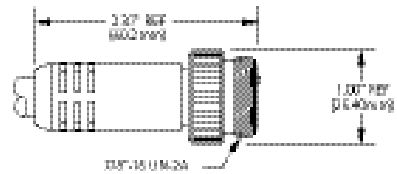


FIG. 3

FEMALE 90° W/ INTERNAL THREAD

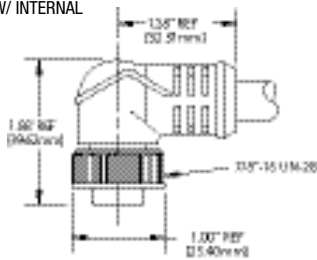


FIG. 2

MALE 90° W/ EXTERNAL THREAD

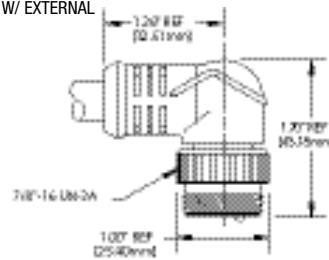
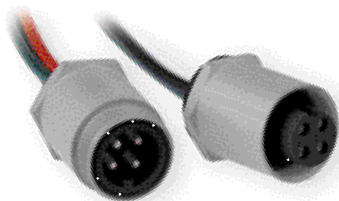


FIG. 4



Receptacle Dimensions

FEMALE RECEPTACLE

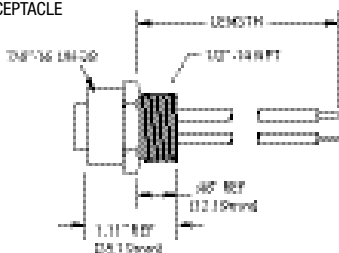


FIG. 5

MALE RECEPTACLE

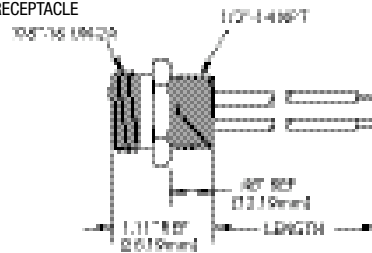


FIG. 6

Receptacle Specifications

- | | | |
|--|--------------------|---------------------|
| MECHANICAL | DROP/Branch | TRUNK/FEEDER |
| INSERT: BLACK PVC | BLACK PVC | BLACK PVC |
| RECEPTACLE SHELL: ZINC-DIECAST, BLACK E-COAT | ANODIZED ALUMINUM | ANODIZED ALUMINUM |
| CONTACT: GOLD OVER NICKEL PLATED | COPPER ALLOY | COPPER ALLOY |
| WIRE INSULATION: PVC | PVC | PVC |
| WIRE GAUGE: 14AWG AND 16AWG | 10AWG | 10AWG |
| ELECTRICAL | | |
| AMPERAGE: 10A/600V (16AWG) | 25A/600V (4P) | 25A/600V (4P) |
| 13A/600V (14AWG) | 30A/600V (3P) | 30A/600V (3P) |