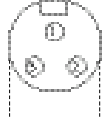
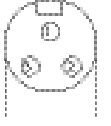
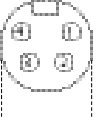


DROP/BRANCH CORDSETS/ RECEPTACLES

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 RECP. (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 RECP. (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 **103000A46M 005**

CABLE LENGTH ↓

0.5 METERS	005
10 METERS	100

for receptacles **1R3000A28A 120 G**

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

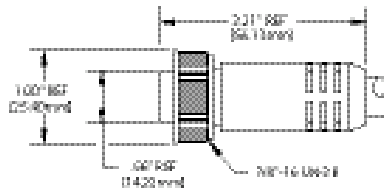


FIG. 1

MALE STRAIGHT W/ EXTERNAL THREAD

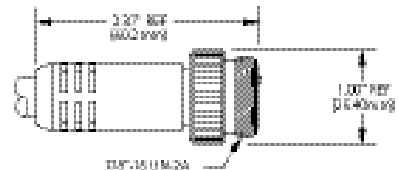


FIG. 3

FEMALE 90° W/ INTERNAL THREAD

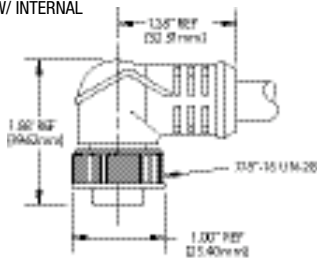


FIG. 2

MALE 90° W/ EXTERNAL THREAD

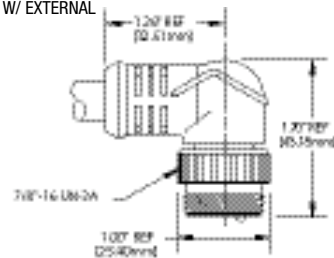


FIG. 4

Receptacle Specifications

MECHANICAL DROP/BRANCH

INSERT: BLACK PVC
RECEPTACLE SHELL: ZINC-DIECAST, BLACK E-COAT
CONTACT: GOLD OVER NICKEL PLATED
WIRE INSULATION: PVC
WIRE GAUGE: 14AWG AND 16AWG

ELECTRICAL

AMPERAGE: 10A/600V (16AWG)
13A/600V (14AWG)

TRUNK/FEEDER

BLACK PVC
ANODIZED ALUMINUM
COPPER ALLOY
PVC
10AWG
25A/600V (4P)
30A/600V (3P)

Receptacle Dimensions

FEMALE RECEPTACLE

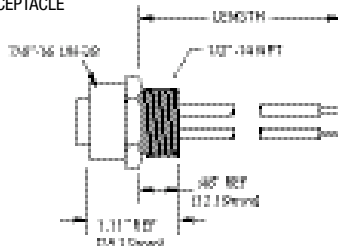


FIG. 5

MALE RECEPTACLE

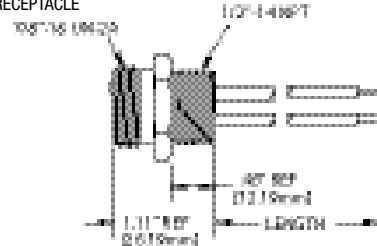


FIG. 6