



Double-Ended Cordsets

Dual Keyway 1/2" - 20 UNF

AUTOMOTIVE

#22 AWG yellow PVC cable with metallic braid – auto color code

#18 AWG yellow PVC cable without metallic braid – auto color code

Low-resistance contact design with gold/palladium nickel plating

	2P	3P	4P	5P	6P
FEMALE FACE VIEW					
COLOR CODE	1- brown 2- blue	1- green - gnd 2- red - black trace 3- red - white trace	1- red - black trace 2- red - white trace 3- red 4- green - gnd	1- red - white trace 2- red 3- green - gnd 4- red - yellow trace 5- red - black trace	1- red - white trace 2- red 3- green - gnd 4- red - yellow trace 5- red - black trace 6- red- blue trace
VOLTAGE	250V AC/DC	250V AC/DC	250V AC/DC	250V AC/DC	250V AC/DC
CURRENT	4A	4A	4A	4A	4A
CONDUCTOR	#22-2	#22-3	#22-4	#22-5	#22-6

FEMALE/MALE	FIG	DOUBLE - ENDED CORDSETS WITH #22 AWG PVC CABLE WITH BRAID 6 FEET LONG				
STRAIGHT/STRAIGHT	1	772030D02F060	773030D02F060	774030D02F060	775030D02F060	776030D02F060
90°/STRAIGHT	2	772031D02F060	773031D02F060	774031D02F060	775031D02F060	776031D02F060
STRAIGHT/90°	3	772032D02F060	773032D02F060	774032D02F060	775032D02F060	—
90°/90°	4	772033D02F060	773033D02F060	774033D02F060	775033D02F060	—

CATALOG OPTIONS

*See Page 134 for additional Mating Receptacles

Use the following chart to modify your part's specifications

772030D02F0601

CABLE TYPE

#18 AWG YELLOW
PVC W/O BRAID 2P - 5P
(#18 AWG NOT AVAILABLE
ON 6 POLE)

CABLE LENGTH

12' 120
20' 200

COUPLING NUT

STAINLESS STEELADD 1
NON-METALLICADD 2

Specifications



MECHANICAL
CONNECTOR FACE:
MOLDED BODY:
O-RING:
COUPLING NUT:

NYLON 6/6
PVC
NITRILE RUBBER
ZINC DIECAST W/ BLACK EPOXY
COAT, OPTIONAL STAINLESS STEEL
TYPE 303, NON-METALLIC WHITE
DELRI

CABLE:
YELLOW #22 AWG PVC JACKET 70%
METALLIC BRAID AND PVC
CONDUCTOR INSULATION OVER
26 X #36 COPPER STRANDING, 300V,
UL STYLE 2661, CSA AWM I/II A/B
YELLOW #18 AWG PVC JACKET AND
PVC CONDUCTOR INSULATION OVER
41 X #34 COPPER STRANDING, 300V,
UL STYLE 2661, CSA AWM I/II A/B

OUTSIDE DIAMETER:
#22 AWG
WITH 70% BRAID WITHOUT BRAID
2P - .23" (5.8mm) 2P - .29" (7.4mm)
3P - .23" (5.8mm) 3P - .29" (7.4mm)
4P - .25" (6.4mm) 4P - .29" (7.4mm)
5P - .26" (6.6mm) 5P - .29" (7.4mm)
6P - .29" (7.4mm)

ELECTRICAL
VOLTAGE RATING:
AMPERAGE:

250V AC/DC
2P - 4A
3P - 4A
4P - 4A
5P - 4A
6P - 4A

ENVIRONMENTAL
PROTECTION:
AMBIENT OPERATING TEMP:
CERTIFICATIONS

IP 68, NEMA 6P
-4° TO 221° F (-20° TO 105° C)
UL LISTED, FILE NO. E152210
CSA CERTIFIED, FILE NO LR6837

CONNECTOR DIMENSIONS

FEMALE STRAIGHT/MALE STRAIGHT

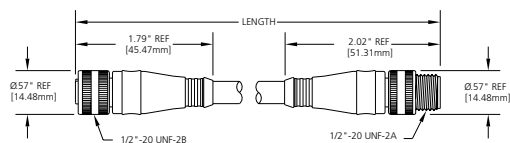


FIG 1

FEMALE 90°/MALE STRAIGHT

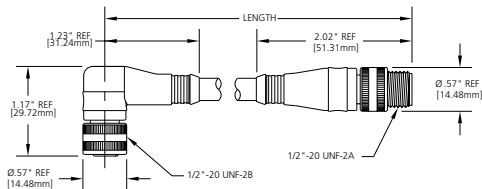


FIG 2

FEMALE STRAIGHT/MALE 90°

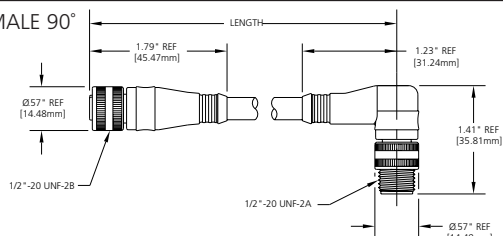


FIG 3

FEMALE 90°/MALE 90°

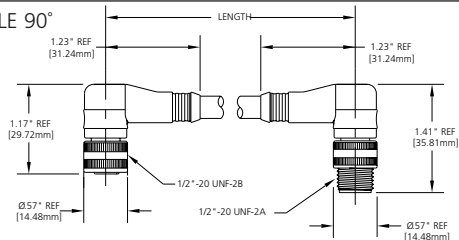
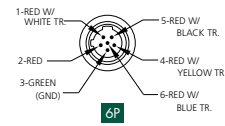
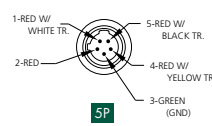
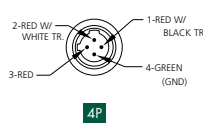
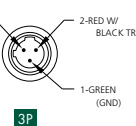
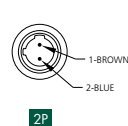


FIG 4

MALE FACE VIEW



MALE FACE VIEW

