

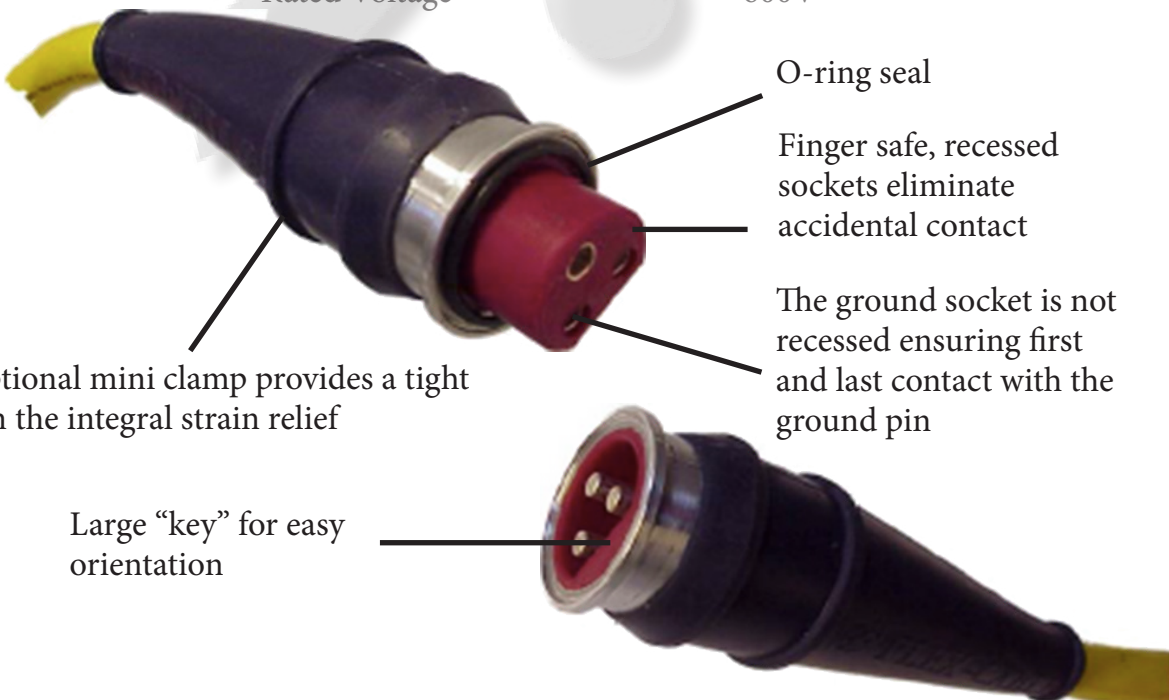
Prime-Link System Standard Cable Connections

These connectors are specially designed and manufactured for maximum flex life. Every Prime-Link connector is molded to the cable and incorporates a Strain Relief for extra durability and longer cable life. Our innovative and consistent processing results in unparalleled performance.

- ▶ All Prime-Link cable ends are straight, the 90° is accomplished by the mounted connection
- ▶ The Prime-Link coupling provides a fast, yet secure, motionless connection
- ▶ The coupling ring is attached to the connector by a lanyard for safety and convenience



Rated Current (MAX)	230A (RMS)
Peak Current (10mSEC)	25,000A
Nominal Rated Current	170A (RMS)
Rated Voltage	600V



The optional mini clamp provides a tight grip on the integral strain relief

Large "key" for easy orientation

O-ring seal

Finger safe, recessed sockets eliminate accidental contact

The ground socket is not recessed ensuring first and last contact with the ground pin



Prime-Link System Primary Cable Order Form

NFPN0 - - M - **LENGTH**

OF CONTACTS
3 = 3-POSITION
6 = 6-POSITION

CONTACT TYPE
0 = BLUNT
1 = MALE (RECEPTACLE)
4 = FEMALE (PLUG)

HARDWARE
1 = MOLDED BOOT
4 = FIELD CONNECTOR W/ REMOVABLE MOLDED BOOT
C = FIELD CONNECTOR W/ BOOTIE
D = FIELD CONNECTOR
M = MOLDED BOOT W/ MECHANICAL CLAMP

WIRE TYPE
L = REDUCED DIAMETER, 600V
P = PRIME-FLEX / TYPE W, 2000V

GAGE
M = 6 AWG
P = 4 AWG
R = 2 AWG

UNIT
E = FEET
M = METERS

EXAMPLE: NFPN03-4111-MPR-E010
DESCRIPTION: PRIME-LINK, 3-PIN, FEMALE PLUG, STRAIGHT MOLDED BOOT, MALE RECEPTACLE, STRAIGHT MOLDED BOOT, PRIME-FLEX CABLE, 2 AWG, 10 FEET

Call, email or check out our website for technical support or questions on our products



Prime-Link System Field Connectors Order Form

NFPN03 - F - -

CONTACT TYPE
1 = MALE (RECEPTACLE)
4 = FEMALE (PLUG)

CONNECTOR TYPE
P = PANEL MOUNT (2-PIECE)
D = STRAIGHT CABLE ADAPTER (1-PIECE)

HARDWARE
0 = NO FLANGE
6 = 2.875 ROUND 6 HOLE (1/4-20)
2 = 68mm DIAGONAL 4 HOLE (M5)

GAGE
M = 6 AWG
P = 4 AWG
R = 2 AWG
N25 = 25mm²
N = 28mm²
Q = 38mm²

WIRE DIAMETER
12 12 12
13 13 13
14 14 14
15 15 15
14 16 16
XX = FOR SINGLE CABLE IN mm

FOR 3 WIRE APPLICATIONS
DIAMETER OF EACH WIRE IN mm

OPTIONAL
B = STRAIN
RELIEF BOOTIE



Prime-Link System Mounted Cable Connections

Specially designed and manufactured to simplify your high current connections. Our innovative and consistent processing results in unparalleled performance.

- ▶ All Prime-Link cable ends are straight, the 90° is accomplished by the mounted connection
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- ▶ The coupling ring is attached to the connector by a lanyard for safety and convenience

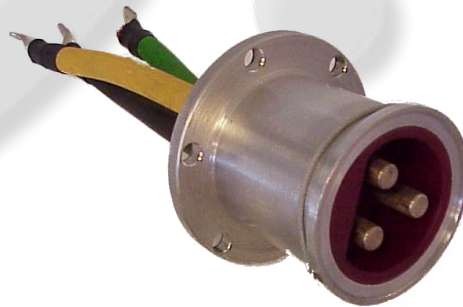
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Nominal Rated Current	170A (RMS)
Rated Voltage	600V



Standard 90°

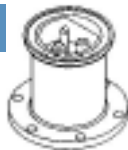


Standard Flange 90°



Round Flange

5D



5W



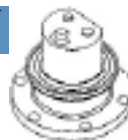
5E



6D



6W



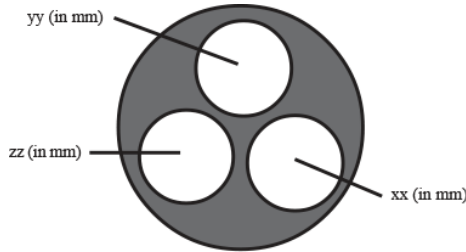
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Cable Strain Relief Boots and Booties

Strain reliefs extend cable life and reinforce the connection to equipment. A strain relief is attached to a cable or cable assembly and is designed to increase the bend radius and absorb the mechanical forces exerted during use.

Strain Relief



Custom Hole(s) Pattern

Minimum 1 mm
Maximum 17 mm

Bootie



PART NUMBER	CABLE SIZE	INSIDE DIAMETER (METRIC)	INSIDE DIAMETER (STANDARD)	LENGTH	ASSEMBLED AS SHOWN	COMPRESSION NUT	RETAINING RING
381	Single Hole 1.125-1.37"	34.945mm	1 3/8"	5.5"	8916	7413	8788
381-xxyyzz	Up to 3 Holes Standard or Custom	34.925mm	1 3/8"	5.5"	8917	7413	8788
382	Single Hole 1.125-1.25"	31.75mm	1 1/4"	4"	8773	7413	8107
382-M27	Single Hole 1 - 1.093"	25.4mm	1"	4"	8772	7413	8107
382-xxyyzz	Up to 3 Holes Standard or Custom	31.75mm	1 1/4"	4"	8918	7413	8107

STRAIGHT STRAIN RELIEF ASSEMBLY

90° STRAIN RELIEF ASSEMBLY

LENGTH	CABLE DIAMETER	STRAIN RELIEF ONLY	STRAIGHT STRAIN RELIEF ASSEMBLY		90° STRAIN RELIEF ASSEMBLY	
			1 1/4 NPT	1 1/2 NPT	1 1/4 NPT	1 1/2 NPT
8"	1.25 - 1.75"	301	304	354	307	357
8"	1.125 - 1.25"	302	305	355	308	358
8"	1 - 1.125"	303	306	356	309	359
5.5"	1.25 - 1.375"	8771	8771-05	8771-55	8771-08	8771-58
5.5"	1.125 - 1.25"	8733	8733-05	8733-55	8733-08	8733-58

