



MINI-LINK™ PRODUCT FAMILY



MINI-LINK™ MOLDED CONNECTORS & CORDSETS

The Remke family of Mini-Link Molded Connectors & Cordsets are ideally suited for applications where flexibility and resistance to stress, abuse or harsh environments is important. Molded connectors & cordsets are available in:

- PVC (plastic) for general industrial applications
- Rubber for use in applications where flexibility & resistance to abusive environments thru a broad temperature range is important
- Hi-Temp Silicone for applications with extreme temperature changes or flexibility & severe environments where absolute reliability is required
- TPE (available upon request) for environments with chemicals and corrosives

Mini-Link connectors are available in 2-12 pole configurations, straight and 90 degree, male & female with these features:

- NEMA 6P & IP68 protection
- Nickel coated then gold-plated contacts for enhanced corrosion resistance & conductivity
- Pins & contacts crimped onto wires assuring secure terminations
- Precision machined contacts for highly accurate tolerances
- Connectors that meet or exceed UL, CSA, NEMA,
- SAE, IEC and automotive specifications
- Hard Service S00W, SJ00W or STOW cable configurations
- Integral strain relief and plated coupling nuts

Attachable Mini-Link Connectors provide essential flexibility for wiring in the field. In applications where it is difficult to design or plan wiring due to changing conditions, using Mini-Link cables with attachable molded connectors that can be wired on site is the answer.

TYPICAL APPLICATIONS USING MINI-LINK CONNECTORS

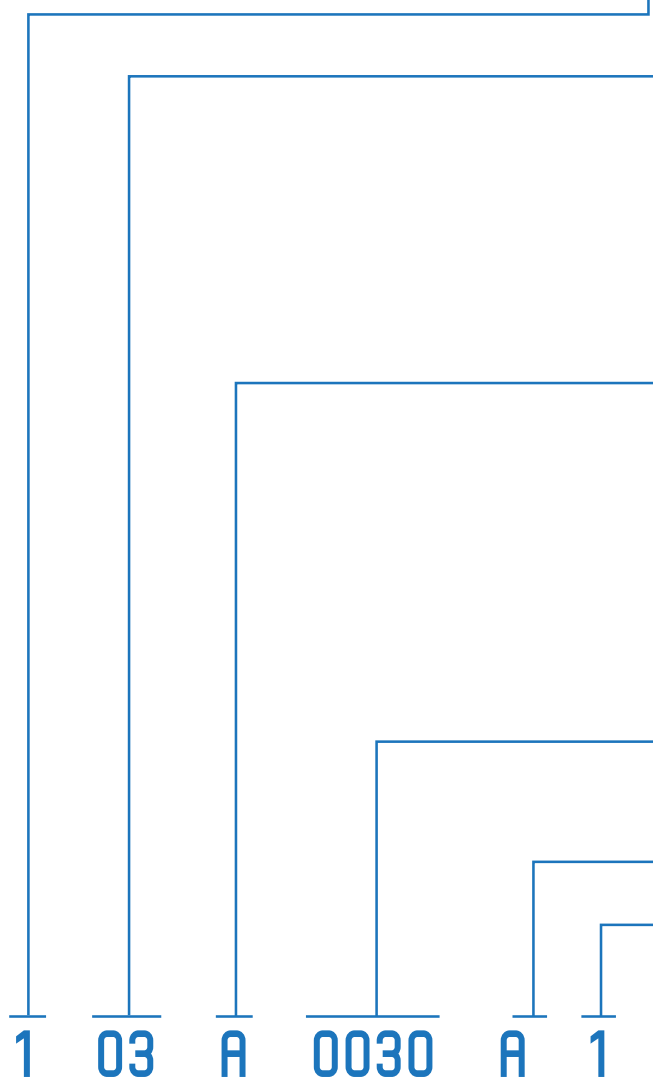
- Sensors on conveyors
- Automated assembly equipment
- Packaging equipment
- Robotics equipment
- Bus systems
- Transportation equipment

PRODUCTS THAT TYPICALLY USE MINI-LINK CONNECTORS

- 12 and 18mm proximity sensors
- Limit switches
- Photoelectric switches
- Solenoids & Hydraulic valves
- Foot operated switches
- Power tools
- Cranes, hoists and their controls



MINI-LINK™ PRODUCT ORDERING INFORMATION



Use this example for help when ordering.

NOTES

For custom configuration, please contact the factory for pricing and delivery information.
Other connector styles and cable codes available. Consult factory.

1=MINI-LINK

NUMBER OF POLES

02 = 2 Pole	07 = 7 Pole
03 = 3 Pole	08 = 8 Pole
04 = 4 Pole	09 = 9 Pole
05 = 5 Pole	10 = 10 Pole
06A = 6 Pole (A-Size)	12 = 12 Pole
06B = 6 Pole (B-Size)	Note: 6 pole (B-Size) through 12 pole in rubber only

CONNECTOR STYLE

A = Female Straight	J = M/F Ext. (90°/90°)
B = Male Straight	K = M/F Ext. (Straight/Straight) Note: External Threaded Male
C = Female 90 Degree	L = M/F Ext. (Straight/90°) Note: External Threaded Male
D = Male 90 Degree Note: PVC & TPE Cordsets only	M = M/F Ext. (90°/Straight) Note: External Threaded Male
E = Male Straight Note: External Threaded Male	N = M/F Ext. (90°/90°) Note: External Threaded Male
F = Male 90 Degree Note: External Threaded Male	O = Female/Female
G = M/F Ext. (Straight/Straight)	P = Male Receptacle
H = M/F Ext. (Straight/90°)	Q = Female Receptacle
I = M/F Ext. (90°/Straight)	AD = Female Receptacle (Internal Thread 2 to 5 Pole only) Note: Other connector styles available. Consult factory.

ASSEMBLY LENGTH (FT.)

1st Digit is 100 x length	Ex: 0005 is 1/2 ft. 0050 is 5 ft. 0500 is 50 ft. 5000 is 500 ft.
2nd Digit is 10 x length	
3rd Digit is 1 x length	
4th Digit is .1 x length	

CABLE CODE



A = #16 AWG S00W-Rubber	AP = #16 AWG STOW-Plastic Note: 2 through 5 pole only
C = #18 AWG SJOOW-Rubber Note: 2 through 5 pole only	AP-TC = #16 AWG PVC Tray Cable
M = #16/1C XLPE (Receptacles Only)	AQ = 18 AWG TPE-Plastic
N = #18/1C PVC (Receptacles Only)	AT = #16 AWG TPE
AHT = #16 AWG Silicone Rubber Note: 2 through 5 pole only	AT-TC = #16AWG TPE Tray Cable Note: Other connector styles available. Consult factory.

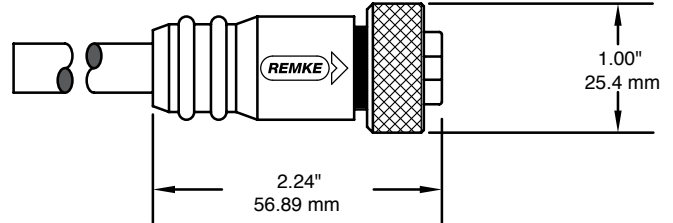
COUPLING OR SHELL OPTION

1 = Stainless Steel Note: Leave blank for Std. Materials (Aluminum)	N = Non-metallic Note: 2 to 5 Pole only. Stainless N/A on 90° Receptacle.
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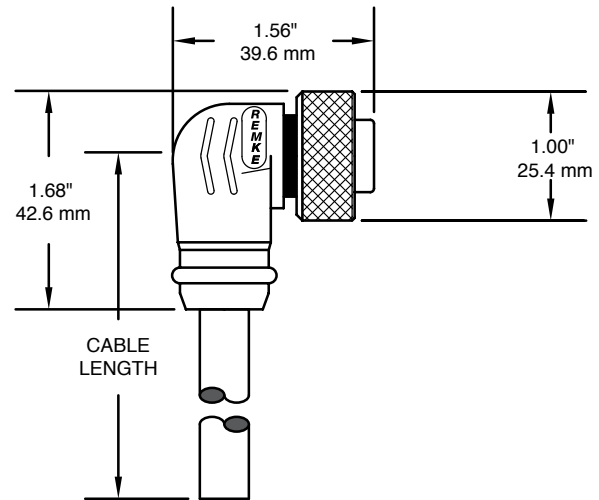


2 TO 6 POLE PVC MINI-LINK™ PLUG ASSEMBLIES

SPECIFICATIONS	
MATERIALS	
Body	PVC
Contact Sleeve	Stainless Steel
Contact	Brass, Gold Plated over Nickel
Coupling Nut	Machined Aluminum, Black Anodized
Cable	#16 AWG Type STOW, 65 x #34 stranding 105°C
Cable Diameters	2/C-.37", 3/C-.39", 4/C-.42", 5/C-.50", 6/C-.53"
ELECTRICAL	
Voltage Rating	600 V
Contact Resistance	≤5mΩ
ENVIRONMENTAL	
Protection	IP68, NEMA 6P
Operating Temp	-20°C to 105°C
CERTIFICATIONS	
	Recognized, File No. E165657
	Certified, File No. E165657
OPTIONS	
#16 AWG TPE Cable	
#18 AWG (PVC) Plug Assemblies	
Stainless Steel Couplers	
Plastic Couplers	



STRAIGHT PLUG



90° PLUG



MALE

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Male Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Straight	90°
2		1-White 2-Black	13A	3 FT	102B0030AP	102D0030AP
			13A	6 FT	102B0060AP	102D0060AP
			13A	12 FT	102B0120AP	102D0120AP
			13A	20 FT	102B0200AP	102D0200AP
3		1-Green 2-Black 3-White	13A	3 FT	103B0030AP	103D0030AP
			13A	6 FT	103B0060AP	103D0060AP
			13A	12 FT	103B0120AP	103D0120AP
			13A	20 FT	103B0200AP	103D0200AP
4		1-Black 2-White 3-Red 4-Green	10A	3 FT	104B0030AP	104D0030AP
			10A	6 FT	104B0060AP	104D0060AP
			10A	12 FT	104B0120AP	104D0120AP
			10A	20 FT	104B0200AP	104D0200AP
5		1-White 2-Red 3-Green 4-Orange 5-Black	8A	3 FT	105B0030AP	105D0030AP
			8A	6 FT	105B0060AP	105D0060AP
			8A	12 FT	105B0120AP	105D0120AP
			8A	20 FT	105B0200AP	105D0200AP
6		1-White 2-Red 3-Green 4-Orange 5-Black 6-Blue	8A	3 FT	106AB0030AP	106AD0030AP
			8A	6 FT	106AB0060AP	106AD0060AP
			8A	12 FT	106AB0120AP	106AD0120AP
			8A	20 FT	106AB0200AP	106AD0200AP

FEMALE

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Straight	90°
2		1-White 2-Black	13A	3 FT	102A0030AP	102C0030AP
			13A	6 FT	102A0060AP	102C0060AP
			13A	12 FT	102A0120AP	102C0120AP
			13A	20 FT	102A0200AP	102C0200AP
3		1-Green 2-Black 3-White	13A	3 FT	103A0030AP	103C0030AP
			13A	6 FT	103A0060AP	103C0060AP
			13A	12 FT	103A0120AP	103C0120AP
			13A	20 FT	103A0200AP	103C0200AP
4		1-Black 2-White 3-Red 4-Green	10A	3 FT	104A0030AP	104C0030AP
			10A	6 FT	104A0060AP	104C0060AP
			10A	12 FT	104A0120AP	104C0120AP
			10A	20 FT	104A0200AP	104C0200AP
5		1-White 2-Red 3-Green 4-Orange 5-Black	8A	3 FT	105A0030AP	105C0030AP
			8A	6 FT	105A0060AP	105C0060AP
			8A	12 FT	105A0120AP	105C0120AP
			8A	20 FT	105A0200AP	105C0200AP
6		1-White 2-Red 3-Green 4-Orange 5-Black 6-Blue	8A	3 FT	106AA0030AP	106AC0030AP
			8A	6 FT	106AA0060AP	106AC0060AP
			8A	12 FT	106AA0120AP	106AC0120AP
			8A	20 FT	106AA0200AP	106AC0200AP

* See page 16 for Mating Male & Female Receptacles



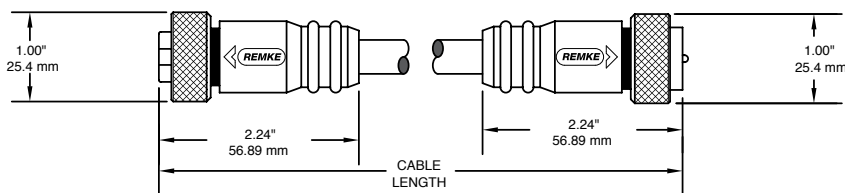
2 TO 6 POLE PVC MINI-LINK™ CABLE ASSEMBLIES

SPECIFICATIONS			
MATERIALS		ENVIRONMENTAL	
Body	PVC	Protection	IP68, NEMA 6P
Contact Sleeve	Stainless Steel	Operating Temp	-20°C to 105°C
Contact	Brass, Gold Plated over Nickel	CERTIFICATIONS	
Coupling Nut	Machined Aluminum, Black Anodized		Recognized, File No. E165657
Cable	#16 AWG Type STOW, 65 x #34 stranding, 105°C		Certified, File No. E165657
Cable Diameters	2/C-.37", 3/C-.39", 4/C-.42", 5/C-.50", 6/C-.53"	OPTIONS	
ELECTRICAL		#16 AWG TPE Cable	
Voltage Rating	600 V	#18 AWG (PVC) Plug Assemblies (300 V)	
Contact Resistance	≤5mΩ	Stainless Steel Couplers	
		Plastic Couplers	



DOUBLE END CABLE ASSEMBLIES

CABLE ASSEMBLY PART NUMBERS						
Number of Poles	Male Face View	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Male/Female Assembly
2			1-White 2-Black	13A	3 FT	102G0030AP
				13A	6 FT	102G0060AP
				13A	12 FT	102G0120AP
				13A	20 FT	102G0200AP
3			1-Green 2-Black 3-White	13A	3 FT	103G0030AP
				13A	6 FT	103G0060AP
				13A	12 FT	103G0120AP
				13A	20 FT	103G0200AP
4			1-Black 2-White 3-Red 4-Green	10A	3 FT	104G0030AP
				10A	6 FT	104G0060AP
				10A	12 FT	104G0120AP
				10A	20 FT	104G0200AP
5			1-White 2-Red 3-Green 4-Orange 5-Black	8A	3 FT	105G0030AP
				8A	6 FT	105G0060AP
				8A	12 FT	105G0120AP
				8A	20 FT	105G0200AP
6			1-White 2-Red 3-Green 4-Orange 5-Black 6-Blue	8A	3 FT	106AG0030AP
				8A	6 FT	106AG0060AP
				8A	12 FT	106AG0120AP
				8A	20 FT	106AG0200AP



MALE/FEMALE CORDSET



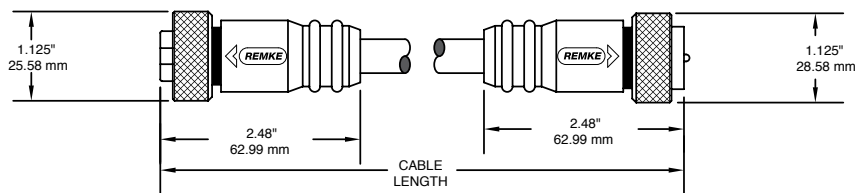
6 TO 8 POLE PVC MINI-LINK™ CABLE ASSEMBLIES

SPECIFICATIONS			
MATERIALS		ENVIRONMENTAL	
Body	PVC	Protection	IP68, NEMA 6P
Contact Sleeve	Stainless Steel	Operating Temp	-20°C to 105°C
Contact	Brass, Gold Plated over Nickel	CERTIFICATIONS	
Coupling Nut	Machined Aluminum, Black Anodized		Recognized, File No. E165657
Cable	#16 AWG Type STOW, 65 x #34 stranding, 105°C		Certified, File No. E165657
Cable Diameters	6/C-.53", 7/C-.55", 8/C-.58"	OPTIONS	
ELECTRICAL		#16 AWG TPE Cable	
Voltage Rating	600 V	Stainless Steel Couplers	
Contact Resistance	≤5mΩ	Plastic Couplers	



DOUBLE END CABLE ASSEMBLIES

CABLE ASSEMBLY PART NUMBERS						
Number of Poles	Male Face View	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Male/Female Assembly
6			1-Orange 2-Blue 3-Black 4-White 5-Red 6-Green	8A	3 FT	106GB0030AP
				8A	6 FT	106GB0060AP
				8A	12 FT	106GB0120AP
				8A	20 FT	106GB0200AP
7			1-Wht.blk. Tr. 2-Black 3-White 4-Red 5-Orange 6-Blue 7-Green	8A	3 FT	107G0030AP
				8A	6 FT	107G0060AP
				8A	12 FT	107G0120AP
				8A	20 FT	107G0200AP
8			1-Orange 2-Blue 3-Wht.blk. Tr. 4-Black 5-White 6-Red 7-Green 8-Red-Blk. Tr.	7A	3 FT	108G0030AP
				7A	6 FT	108G0060AP
				7A	12 FT	108G0120AP
				7A	20 FT	108G0200AP



MALE/FEMALE CORDSET



6 TO 8 POLE PVC MINI-LINK™ PLUG ASSEMBLIES

SPECIFICATIONS

MATERIALS

Body	PVC
Contact Sleeve	Stainless Steel
Contact	Brass, Gold Plated over Nickel
Coupling Nut	Machined Aluminum, Black Anodized
Cable	#16 AWG Type STOW, 65 x #34 stranding 105°C
Cable Diameters	6/C-.53", 7/C-.54", 8/C-.58"

ELECTRICAL

Voltage Rating	600 V
Contact Resistance	≤5mΩ

ENVIRONMENTAL

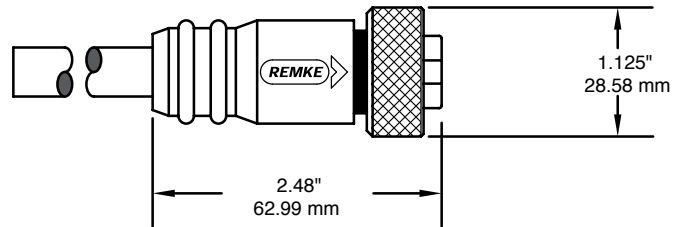
Protection	IP68, NEMA 6P
Operating Temp	-20°C to 105°C

CERTIFICATIONS

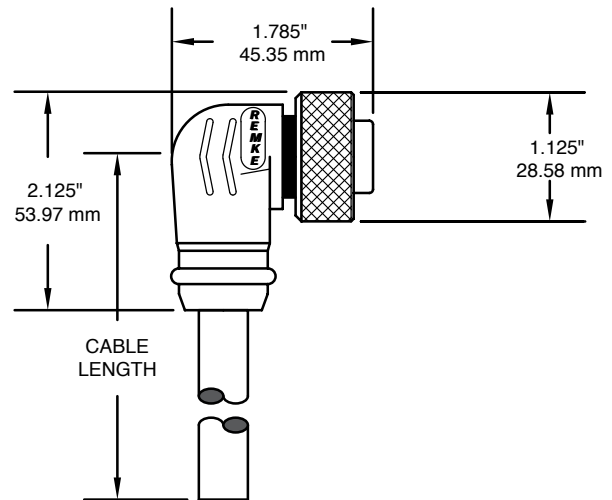
	Recognized, File No. E165657
	Certified, File No. E165657

OPTIONS

#16 AWG TPE Cable
Stainless Steel Couplers
Plastic Couplers



STRAIGHT PLUG



90° PLUG

MALE

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Male Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Straight	90°
6		1-Orange 2-Blue 3-Black 4-White 5-Red 6-Green	8A	3 FT	106BB0030AP	106BD0030AP
			8A	6 FT	106BB0060AP	106BD0060AP
			8A	12 FT	106BB0120AP	106BD0120AP
			8A	20 FT	106BB0200AP	106BD0200AP
7		1-Wht.blk. Tr. 2-Black 3-White 4-Red 5-Orange 6-Blue 7-Green	8A	3 FT	107B0030AP	107D0030AP
			8A	6 FT	107B0060AP	107D0060AP
			8A	12 FT	107B0120AP	107D0120AP
			8A	20 FT	107B0200AP	107D0200AP
8		1-Orange 2-Blue 3-Wht.blk. Tr. 4-Black 5-White 6-Red 7-Green 8-Red-Blk. Tr.	7A	3 FT	108B0030AP	108D0030AP
			7A	6 FT	108B0060AP	108D0060AP
			7A	12 FT	108B0120AP	108D0120AP
			7A	20 FT	108B0200AP	108D0200AP

FEMALE

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Straight	90°
6		1-Orange 2-Blue 3-Black 4-White 5-Red 6-Green	8A	3 FT	106BA0030AP	106BC0030AP
			8A	6 FT	106BA0060AP	106BC0060AP
			8A	12 FT	106BA0120AP	106BC0120AP
			8A	20 FT	106BA0200AP	106BC0200AP
7		1-Wht.blk. Tr. 2-Black 3-White 4-Red 5-Orange 6-Blue 7-Green	8A	3 FT	107A0030AP	107C0030AP
			8A	6 FT	107A0060AP	107C0060AP
			8A	12 FT	107A0120AP	107C0120AP
			8A	20 FT	107A0200AP	107C0200AP
8		1-Orange 2-Blue 3-Wht.blk. Tr. 4-Black 5-White 6-Red 7-Green 8-Red-Blk. Tr.	7A	3 FT	108A0030AP	108C0030AP
			7A	6 FT	108A0060AP	108C0060AP
			7A	12 FT	108A0120AP	108C0120AP
			7A	20 FT	108A0200AP	108C0200AP

* See page 17 for Mating Male & Female Receptacles



9 TO 12 POLE PVC MINI-LINK™ PLUG ASSEMBLIES

SPECIFICATIONS

MATERIALS

Body	PVC
Contact Sleeve	Stainless Steel
Contact	Brass, Gold Plated over Nickel
Coupling Nut	Machined Aluminum, Black Anodized
Cable	#16 AWG Type STOW, 65 x #34 stranding 105°C
Cable Diameters	9/C-.62", 10/C-.66", 12/C-.68"

ELECTRICAL


Voltage Rating	600 V
Contact Resistance	≤5mΩ

ENVIRONMENTAL

Protection	IP68, NEMA 6P
Operating Temp	-20°C to 105°C

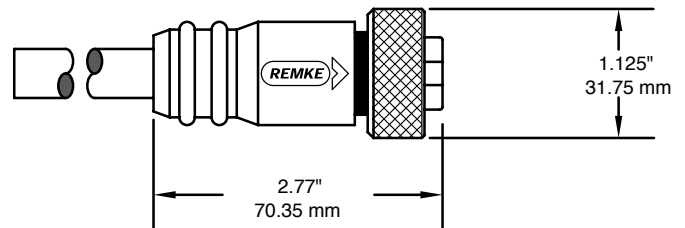
CERTIFICATIONS

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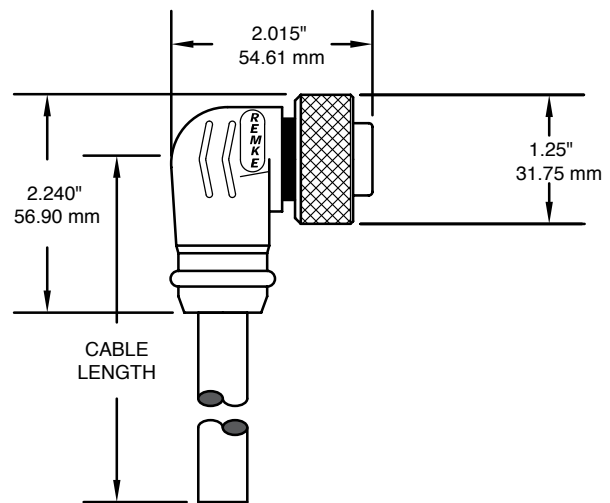
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File No. E165657

OPTIONS

#16 AWG TPE Cable
Stainless Steel Couplers
Plastic Couplers



STRAIGHT PLUG



90° PLUG



MALE

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Male Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Straight	90°
9		1-Orange 2-Blue 3-Red-Blk. Tr. 4-Green-Blk. Tr. 5-White 6-Red 7-Green 8-White-Blk. Tr. 9-Black	7A	3 FT	109B0030AP	109D0030AP
			7A	6 FT	109B0060AP	109D0060AP
			7A	12 FT	109B0120AP	109D0120AP
			7A	20 FT	109B0200AP	109D0200AP
10		1-Orange 2-Blue 3-White-Blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Red 8-Green 9-Black 10-White	7A	3 FT	110B0030AP	110D0030AP
			7A	6 FT	110B0060AP	110D0060AP
			7A	12 FT	110B0120AP	110D0120AP
			7A	20 FT	110B0200AP	110D0200AP
12		1-Orange 2-Blue 3-Wht.Blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Blue.-Blk. Tr. 8-Blk.-Wht. Tr. 9-Green 10-Red 11-White 12-Black	5A	3 FT	112B0030AP	112D0030AP
			5A	6 FT	112B0060AP	112D0060AP
			5A	12 FT	112B0120AP	112D0120AP
			5A	20 FT	112B0200AP	112D0200AP

FEMALE

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Straight	90°
9		1-Orange 2-Blue 3-Red-Blk. Tr. 4-Green-Blk. Tr. 5-White 6-Red 7-Green 8-White-Blk. Tr. 9-Black	7A	3 FT	109A0030AP	109C0030AP
			7A	6 FT	109A0060AP	109C0060AP
			7A	12 FT	109A0120AP	109C0120AP
			7A	20 FT	109A0200AP	109C0200AP
10		1-Orange 2-Blue 3-White-Blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Red 8-Green 9-Black 10-White	7A	3 FT	110A0030AP	110C0030AP
			7A	6 FT	110A0060AP	110C0060AP
			7A	12 FT	110A0120AP	110C0120AP
			7A	20 FT	110A0200AP	110C0200AP
12		1-Orange 2-Blue 3-Wht.blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Blue.-Blk. Tr. 8-Blk.-Wht. Tr. 9-Green 10-Red 11-White 12-Black	5A	3 FT	112A0030AP	112C0030AP
			5A	6 FT	112A0060AP	112C0060AP
			5A	12 FT	112A0120AP	112C0120AP
			5A	20 FT	112A0200AP	112C0200AP

* See page 18 for Mating Male & Female Receptacles



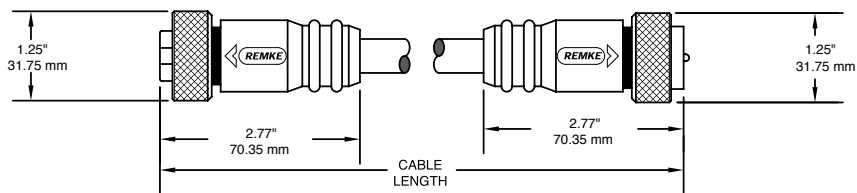
9 TO 12 POLE PVC MINI-LINK™ CABLE ASSEMBLIES

SPECIFICATIONS			
MATERIALS		ENVIRONMENTAL	
Body	PVC	Protection	IP68, NEMA 6P
Contact Sleeve	Stainless Steel	Operating Temp	-20°C to 105°C
Contact	Brass, Gold Plated over Nickel	CERTIFICATIONS	
Coupling Nut	Machined Aluminum, Black Anodized		Recognized, File No. E165657
Cable	#16 AWG Type STOW, 65 x #34 stranding, 105°C		Certified, File No. E165657
Cable Diameters	9/C-.64", 10/C-.66", 12/C-.68"	OPTIONS	
ELECTRICAL		#18 AWG (PVC) Plug Assemblies	
Voltage Rating	600 VAC	Stainless Steel Couplers	
Contact Resistance	≤5mΩ	Plastic Couplers	



DOUBLE END CABLE ASSEMBLIES

CABLE ASSEMBLY PART NUMBERS						
Number of Poles	Male Face View	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Male/Female Assembly
9			1-Orange 2-Blue 3-Red-Blk. Tr. 4-Green-Blk. Tr. 5-White 6-Red 7-Green 8-White-Blk. Tr. 9-Black	7A	3 FT	109G0030AP
				7A	6 FT	109G0060AP
				7A	12 FT	109G0120AP
				7A	20 FT	109G0200AP
10			1-Orange 2-Blue 3-White-Blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Red 8-Green 9-Black 10-White	7A	3 FT	110G0030AP
				7A	6 FT	110G0060AP
				7A	12 FT	110G0120AP
				7A	20 FT	110G0200AP
12			1-Orange 2-Blue 3-Wht.blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7- Blue.-Blk. Tr. 8-Blk.-Wht. Tr. 9-Green 10-Red 11-White 12-Black	5A	3 FT	112G0030AP
				5A	6 FT	112G0060AP
				5A	12 FT	112G0120AP
				5A	20 FT	112G0200AP



MALE/FEMALE CORDSET



MINI-LINK™ PVC TEE CONNECTORS

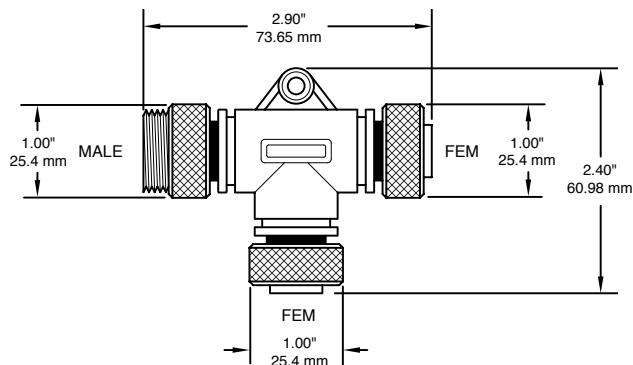


SPECIFICATIONS

MATERIALS	
Body	PVC
Contact	Copper Alloy, Gold Plated
Coupling Nut	Aluminum, Clear Anodized
ELECTRICAL	
Voltage Rating	300 V
Ampacity	8 AMPS
ENVIRONMENTAL	
Protection	IP67
Operating Temp	-20°C to 105°C
CERTIFICATIONS	
Pending	

TEE CONNECTORS

TEE CONNECTOR PART NUMBERS					
Number of Poles	Male Face View	Female Face View	Configuration	Wiring Diagram	Male/Female TEE
3			1-Male 2-Female		TM/MFF3
4			1-Male 2-Female		TM/MFF4
5			1-Male 2-Female		TM/MFF5





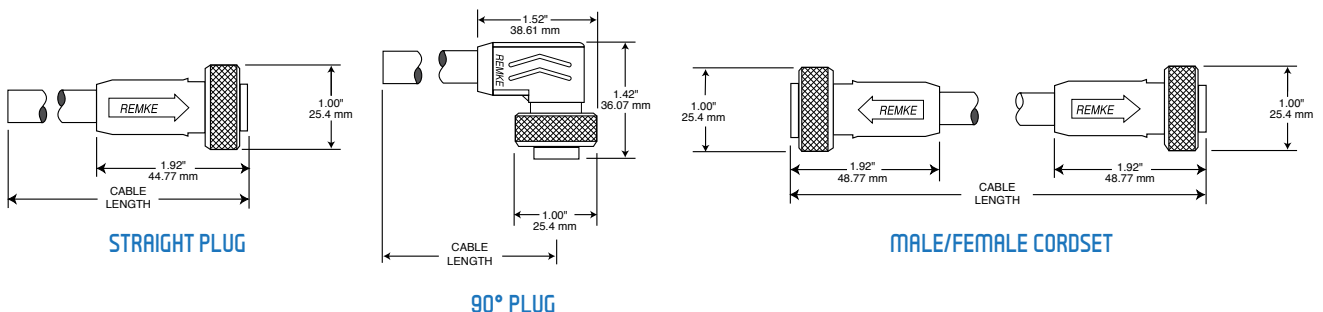
2 TO 6 POLE RUBBER MINI-LINK™ ASSEMBLIES



SPECIFICATIONS	
MATERIALS	ENVIRONMENTAL
Body	Rubber
Contact	Brass, Gold Plated over Nickel
Sleeve	Stainless Steel
Coupling Nut	Machined Aluminum, Black Anodized (Stainless Steel available)
Cable	#16 AWG NBR/PVC Rubber 65 x #34 stranding 90°C, UL Recognized SOOW, CSA Certified
Cable Diameters	2/C-.37", 3/C-.39", 4/C-.42", 5/C-.50", 6/C-.53"
ELECTRICAL	
Voltage Rating	600 V
Contact Resistance	<5mΩ
	PROTECTION IP68, NEMA 6P
	Operating Temp -20°C to 90°C
	CERTIFICATIONS
	Recognized, File No. E165657
	Certified, File No. E165657
	OPTIONS
	Stainless Steel Hardware can be specified - add "1" after Part Number; to specify 18 AWG Cable, add "-18" after the Part Number. For Nylon hardware - add "N" after Part Number.
	Consult the factory for custom cord lengths, and a full range of wire management product accessories.

PLUGS AND CABLE ASSEMBLIES WITH #16 AWG SOOW-A CABLE

PLUG ASSEMBLY PART NUMBERS									
Number of Poles	Male Face View	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Male Straight	Female Straight	Female 90°	Male/Female Assembly
2			1-White 2-Black	13A	3 FT	102B0030A	102A0030A	102C0030A	102G0030A
				13A	6 FT	102B0060A	102A0060A	102C0060A	102G0060A
				13A	12 FT	102B0120A	102A0120A	102C0120A	102G0120A
				13A	20 FT	102B0200A	102A0200A	102C0200A	102G0200A
3			1-Green 2-Black 3-White	13A	3 FT	103B0030A	103A0030A	103C0030A	103G0030A
				13A	6 FT	103B0060A	103A0060A	103C0060A	103G0060A
				13A	12 FT	103B0120A	103A0120A	103C0120A	103G0120A
				13A	20 FT	103B0200A	103A0200A	103C0200A	103G0200A
4			1-Black 2-White 3-Red 4-Green	10A	3 FT	104B0030A	104A0030A	104C0030A	104G0030A
				10A	6 FT	104B0060A	104A0060A	104C0060A	104G0060A
				10A	12 FT	104B0120A	104A0120A	104C0120A	104G0120A
				10A	20 FT	104B0200A	104A0200A	104C0200A	104G0200A
5			1-White 2-Red 3-Green 4-Orange 5-Black	8A	3 FT	105B0030A	105A0030A	105C0030A	105G0030A
				8A	6 FT	105B0060A	105A0060A	105C0060A	105G0060A
				8A	12 FT	105B0120A	105A0120A	105C0120A	105G0120A
				8A	20 FT	105B0200A	105A0200A	105C0200A	105G0200A
6			1-White 2-Red 3-Green 4-Orange 5-Black 6-Blue	8A	3 FT	106AB0030A	106AA0030A	106AC0030A	106AG0030A
				8A	6 FT	106AB0060A	106AA0060A	106AC0060A	106AG0060A
				8A	12 FT	106AB0120A	106AA0120A	106AC0120A	106AG0120A
				8A	20 FT	106AB0200A	106AA0200A	106AC0200A	106AG0200A





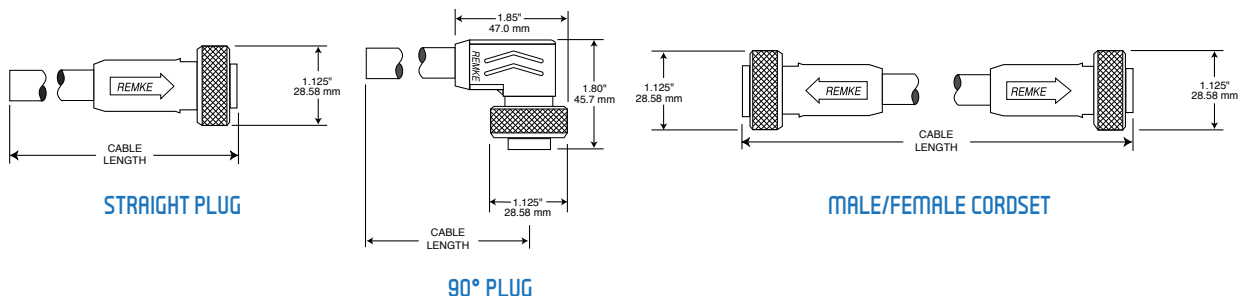
6 TO 8 POLE RUBBER MINI-LINK™ ASSEMBLIES

SPECIFICATIONS		
MATERIALS		ELECTRICAL
Body	Rubber	Voltage Rating 600 V
Contact	Brass, Gold Plated over Nickel	Contact Resistance ≤5mΩ
Sleeve	Stainless Steel	ENVIRONMENTAL
Coupling Nut	Machined Aluminum, Black Anodized (stainless steel available)	
Cable	#16 AWG NBR/PVC Rubber 65 x #34 stranding 90°C, UL Recognized SO0W, CSA Certified	Protection IP68, NEMA 6P
Cable Diameters	6/C-.53", 7/C-.54", 8/C-.60"	Operating Temp -20°C to 90°C
		OPTIONS
		Stainless Steel Hardware can be specified - add "1" after Part Number.
		Consult the factory for custom cord lengths, and a full range of wire management product accessories.



PLUGS AND CABLE ASSEMBLIES WITH #16 AWG SO0W-A CABLE

PLUG ASSEMBLY PART NUMBERS									
Number of Poles	Male Face View	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Male Straight	Female Straight	Female 90°	Male/Female Assembly
6 B-Size			1-Orange 2-Blue 3-Black 4-White 5-Red 6-Green	8A	3 FT	106BB0030A	106BA0030A	106BC0030A	106BG0030A
				8A	6 FT	106BB0060A	106BA0060A	106BC0060A	106BG0060A
				8A	12 FT	106BB0120A	106BA0120A	106BC0120A	106BG0120A
				8A	20 FT	106BB0200A	106BA0200A	106BC0200A	106BG0200A
7			1-Wht.blk. Tr. 2-Black 3-White 4-Red 5-Orange 6-Blue 7-Green	8A	3 FT	107B0030A	107A0030A	107C0030A	107G0030A
				8A	6 FT	107B0060A	107A0060A	107C0060A	107G0060A
				8A	12 FT	107B0120A	107A0120A	107C0120A	107G0120A
				8A	20 FT	107B0200A	107A0200A	107C0200A	107G0200A
8			1-Orange 2-Blue 3-Wht.blk. Tr. 4-Black 5-White 6-Red 7-Green 8-Red-Blk. Tr.	7A	3 FT	108B0030A	108A0030A	108C0030A	108G0030A
				7A	6 FT	108B0060A	108A0060A	108C0060A	108G0060A
				7A	12 FT	108B0120A	108A0120A	108C0120A	108G0120A
				7A	20 FT	108B0200A	108A0200A	108C0200A	108G0200A





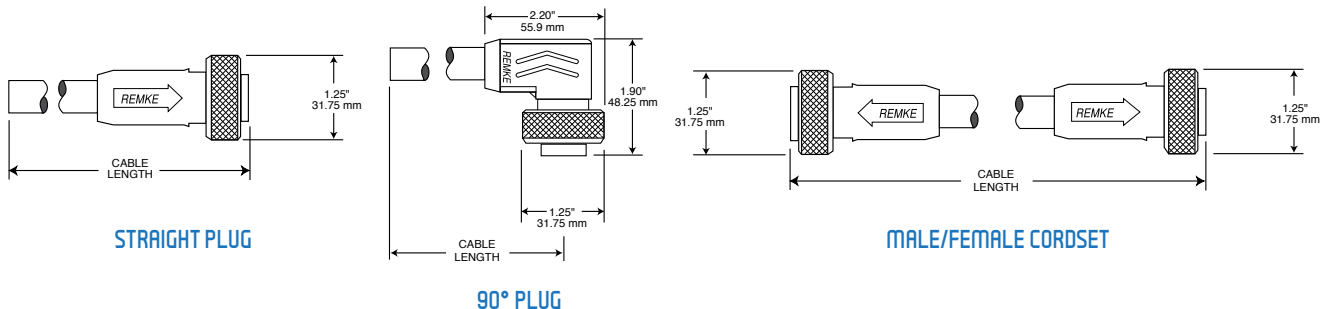
9 TO 12 POLE RUBBER MINI-LINK™ ASSEMBLIES

SPECIFICATIONS			
MATERIALS		ENVIRONMENTAL	
Body	Rubber	Protection	IP68, NEMA 6P
Contact	Brass, Gold Plated over Nickel	Operating Temp	-20°C to 90°C
Sleeve	Stainless Steel	CERTIFICATIONS	
Coupling Nut	Machined Aluminum, Black Anodized (stainless steel available)		Recognized, File No. E165657
Cable	#16 AWG NBR/PVC Rubber 65 x #34 stranding 90°C, UL Recognized SOOW, CSA Certified		Certified, File No. E165657
Cable Diameters	9/C-.62", 10/C-.63", 12/C-.67"	OPTIONS	
ELECTRICAL		Stainless Steel Hardware can be specified - add "1" after Part Number.	
Voltage Rating	600 V	Consult the factory for custom cord lengths, and a full range of wire management product accessories.	
Contact Resistance	≤5mΩ	NOTE	
		Not available in #18 AWG.	



PLUGS AND CABLE ASSEMBLIES WITH #16 AWG SOOW-A CABLE

PLUG ASSEMBLY PART NUMBERS										
Number of Poles	Male Face View	Female Face View	Wiring Color Code	AMP RTG. @ 600V	Cable Length	Male Straight	Female Straight	Female 90°	Male/Female Assembly	
9			1-Orange 2-Blue 3-Red-Blk. Tr. 4-Green-Blk. Tr. 5-White 6-Red 7-Green 8-White-Blk. Tr. 9-Black	7A	3 FT	109B0030A	109A0030A	109C0030A	109G0030A	
				7A	6 FT	109B0060A	109A0060A	109C0060A	109G0060A	
				7A	12 FT	109B0120A	109A0120A	109C0120A	109G0120A	
				7A	20 FT	109B0200A	109A0200A	109C0200A	109G0200A	
10			1-Orange 2-Blue 3-White-Blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Red 8-Green 9-Black 10-White	7A	3 FT	110B0030A	110A0030A	110C0030A	110G0030A	
				7A	6 FT	110B0060A	110A0060A	110C0060A	110G0060A	
				7A	12 FT	110B0120A	110A0120A	110C0120A	110G0120A	
				7A	20 FT	110B0200A	110A0200A	110C0200A	110G0200A	
12			1-Orange 2-Blue 3-Wht.blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Blue.-Blk. Tr. 8-Blk.-Wht. Tr. 9-Green 10-Red 11-White 12-Black	5A	3 FT	112B0030A	112A0030A	112C0030A	112G0030A	
				5A	6 FT	112B0060A	112A0060A	112C0060A	112G0060A	
				5A	12 FT	112B0120A	112A0120A	112C0120A	112G0120A	
				5A	20 FT	112B0200A	112A0200A	112C0200A	112G0200A	





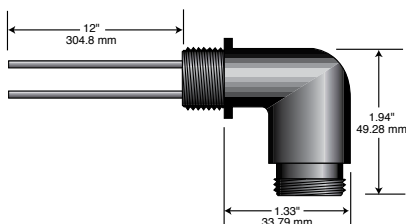
2 TO 6 POLE MINI-LINK™ RECEPTACLES



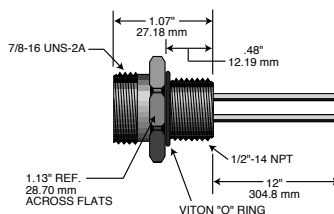
SPECIFICATIONS			
MATERIALS		ENVIRONMENTAL	
Contact	Brass, Gold Plated over Nickel	Protection	IP68, NEMA 6P
Sleeve	Stainless Steel	Operating Temp	-20°C to 105°C
Shell	Machined Aluminum, Black Anodized (Stainless Steel available)	CERTIFICATIONS	
Wire	#16 AWG/600 Volts 26 x #30 Stranding		Recognized, File No. E165657
"O" Ring	Viton		Certified, File No. E165657
Lock Nut	Plated Steel (not pictured)	OPTIONS	
ELECTRICAL		Stainless Steel Hardware can be specified - add "1" after Part Number.	
Voltage Rating	600 V	Consult the factory for custom wire lengths, and a full range of wire management product accessories.	
Contact Resistance	≤5mΩ	NOTES	
		*-Not available in stainless steel.	
		Knock-out dimensions in Tuff-Link Technical Reference Section.	

RECEPTACLES WITH 12" PIGTAIL LEADS

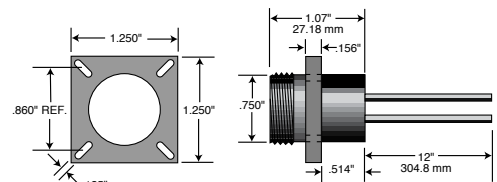
PLUG ASSEMBLY PART NUMBERS										
Number of Poles	Amps	Male Face View	Female Face View	Wiring Color Code	Male Straight	Male 90 Degree*	Male Flange Mt.*	Female Straight	Female 90 Degree*	Female Flange Mt.*
2	13			1-White 2-Black	102P0010M	102U0010M	102PF0010M	102Q0010M	102V0010M	102QF0010M
3	13			1-Green 2-Black 3-White	103P0010M	103U0010M	103PF0010M	103Q0010M	103V0010M	103QF0010M
4	10			1-Black 2-White 3-Red 4-Green	104P0010M	104U0010M	104PF0010M	104Q0010M	104V0010M	104QF0010M
5	8			1-White 2-Red 3-Green 4-Orange 5-Black	105P0010M	105U0010M	105PF0010M	105Q0010M	105V0010M	105QF0010M
6	8			1-White 2-Red 3-Green 4-Orange 5-Black 6-Blue	106AP0010M	106AU0010M	106APF0010M	106AQ0010M	106AV0010M	106AQF0010M



90° RECEPTACLE



RECEPTACLE



RECEPTACLE WITH FLANGE



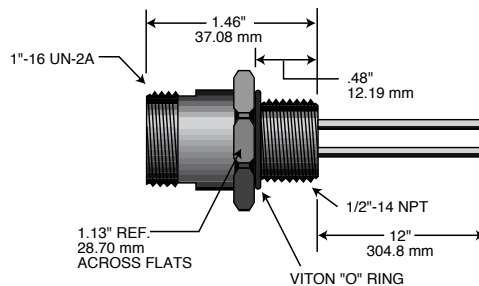
6 TO 8 POLE MINI-LINK™ RECEPTACLES

SPECIFICATIONS	
MATERIALS	ENVIRONMENTAL
Contact	Brass, Gold Plated over Nickel
Sleeve	Stainless Steel
Shell	Machined Aluminum, Black Anodized (stainless steel available)
Wire	#16 AWG/600 Volts 26 x #30 Stranding
"O" Ring	Viton
Lock Nut	Plated Steel (not pictured)
ELECTRICAL	ENVIRONMENTAL
Voltage Rating	600 V
Contact Resistance	≤5mΩ
	Protection IP68, NEMA 6P
	Operating Temp -20°C to 105°C
	CERTIFICATIONS
	Recognized, File No. E165657
	Certified, File No. E165657
	OPTIONS
	Stainless Steel Hardware can be specified - add "1" after Part Number.
	Consult the factory for custom wire lengths, and a full range of wire management product accessories.
	NOTE
	Knock-out dimensions in Tuff-Link Technical Reference Section.



RECEPTACLES WITH 12" PIGTAIL LEADS

PLUG ASSEMBLY PART NUMBERS						
Number of Poles	Amps	Male Face View	Female Face View	Wiring Color Code	Male Straight	Female Straight
6 B Size	8			1-Orange 2-Blue 3-Black 4-White 5-Red 6-Green	106BP0010M	106BQ0010M
7				1-Wht. Blk. Tr. 2-Black 3-White 4-Red 5-Orange 6-Blue 7-Green	107P0010M	107Q0010M
8	7			1-Orange 2-Blue 3-Wht.-Blk. Tr. 4-Black 5-White 6-Red 7-Green 8-Red-Blk. Tr.	108P0010M	108Q0010M



RECEPTACLE



9 TO 12 POLE MINI-LINK™ RECEPTACLES

SPECIFICATIONS

MATERIALS		ENVIRONMENTAL	
Contact	Brass, Gold Plated over Nickel	Protection	IP68, NEMA 6P
Sleeve	Stainless Steel	Operating Temp	-20°C to 105°C
Shell	Machined Aluminum, Black Anodized (stainless steel available)	CERTIFICATIONS	
Wire	#16 AWG/600 Volts 26 x #30 Stranding		Recognized, File No. E165657
"O" Ring	Viton		Certified, File No. E165657
Lock Nut	Plated Steel (not pictured)	OPTIONS	
ELECTRICAL		Stainless Steel Hardware can be specified - add "1" after Part Number.	
Voltage Rating	600 V	Consult the factory for custom wire lengths, and a full range of wire management product accessories.	
Contact Resistance	≤5mΩ	NOTES	

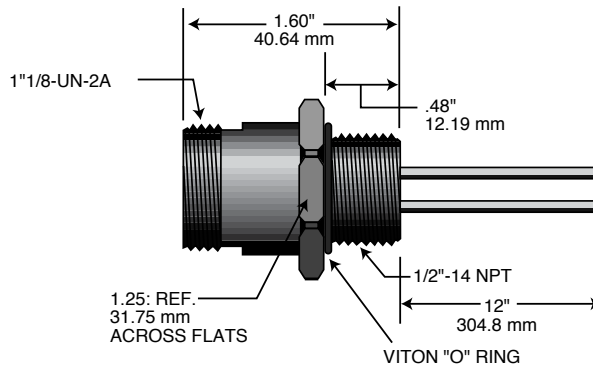


*-Not available in stainless steel.
Knock-out dimensions in Tuff-Link Technical Reference Section.

RECEPTACLES WITH 12" PIGTAIL LEADS

PLUG ASSEMBLY PART NUMBERS

Number of Poles	Amps	Male Face View	Female Face View	Wiring Color Code	Male Straight	Female Straight
9	7			1-Orange 2-Blue 3-Red-Blk. Tr. 4-Green-Blk. Tr. 5-White 6-Red 7-Green 8-White-Blk. Tr. 9-Black	109P0010M	109Q0010M
10	7			1-Orange 2-Blue 3-White-Blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Red 8-Green 9-Black 10-White	110P0010M	110Q0010M
12	5			1-Orange 2-Blue 3-Wht.blk. Tr. 4-Red-Blk. Tr. 5-Green-Blk. Tr. 6-Org.-Blk. Tr. 7-Blue.-Blk. Tr. 8-Blk.-Wht. Tr. 9-Green 10-Red 11-White 12-Black	112P0010M	112Q0010M



RECEPTACLE



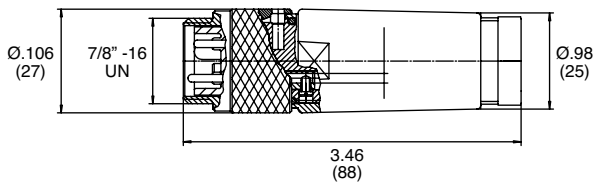
MINI ATTACHABLES

SPECIFICATIONS	
MATERIALS	ELECTRICAL
Body	Nylon
Contact Carrier	PUR
Contact	Brass, Gold over Nickel Plating
Coupling Nut	Aluminum, Anodized Black
Cable Outlets	PG9 - 6 to 8mm, PG11 - 8 to 10mm, PG16 - 12 to 14mm
ENVIRONMENTAL	
Protection	IP67, NEMA 6P (only in fully locked position)
Operating Temp	-20°C to 90°C

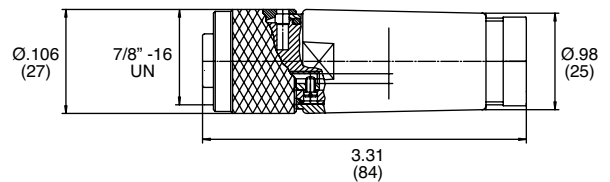


CONNECTOR PART NUMBERS

Number of Poles	Male Face View	Female Face View	Cable Entry	Male Straight	Female Straight
3			PG9	103EFW9	103AFW9
			PG11	103EFW11	103AFW11
4			PG9	104EFW9	104AFW9
5			PG9	105EFW9	105AFW9
			PG11	105EFW11	105AFW11
			PG16	105EFW16	105AFW16



MALE STRAIGHT



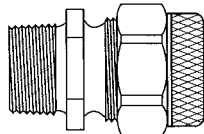
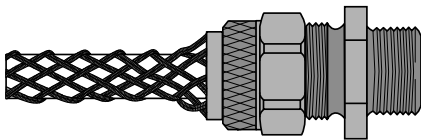
FEMALE STRAIGHT



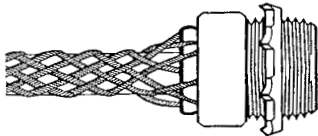
MINI-LINK™ AND WIRE MANAGEMENT ACCESSORIES

STRAIN RELIEF CORD GRIPS

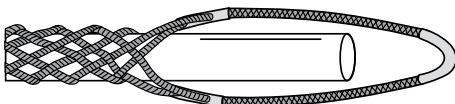
Available in standard sizes (1/4" through 3"), Remke Cord Grips are produced in aluminum, nylon, steel and stainless steel to provide maximum sealing and support for cord terminations. Custom designs are available, including designs with metric threads and other special features. Inquire of your Remke Representative or Distributor.



CORD GRIPS



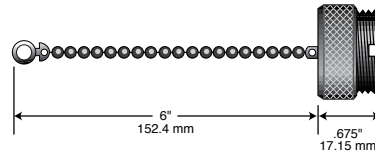
WIDE RANGE GRIPS



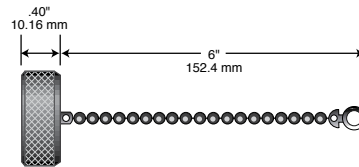
BUS DROP GRIPS

CLOSURE CAPS FOR PLUGS AND RECEPTACLES

Plug & Receptacle with Internal Threads



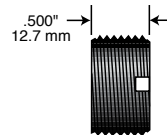
Receptacle with External Threads



Number of Poles	Plugs	Receptacles
2, 3, 4, 5 OR 6 (A-SIZE)	75-0085	75-0086
6 TO 8 (B-SIZE)	75-0102	75-0103
9, 10, OR 12 (C-SIZE)	75-0104	75-0105

Also available in stainless steel

ADAPTER FOR JOINING TWO CABLE ASSEMBLIES



Number of Poles	Part Number
2 TO 6 (A-SIZE)	56-0426
6 TO 8 (B-SIZE)	56-0466
9 TO 12 (C-SIZE)	56-0496

Also available in stainless steel



WIRING ACCESSORIES

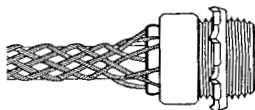
STRAIN RELIEF CORD GRIPS

Available in standard sizes (1/4" through 3"), Remke Cord Grips are produced in aluminum, nylon, steel and stainless steel to provide maximum sealing and support for cord terminations. Custom designs are available, including designs with metric threads and other special features. Inquire of your Remke Representative or Distributor.

Choose from hundreds of strain relief and cable support products manufactured by Remke, such as Cord Grip, Wide Range Grips and Bus Drop Grips, illustrated below.



CORD GRIPS



WIDE RANGE GRIPS

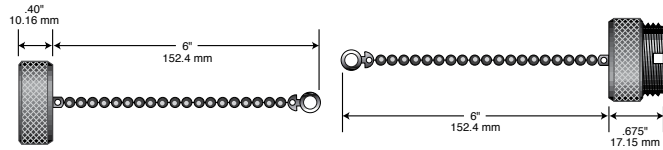


BUS DROP GRIPS

CLOSURE CAPS FOR MINI-STYLE RECEPTACLES AND PLUGS

Receptacles with External Threads

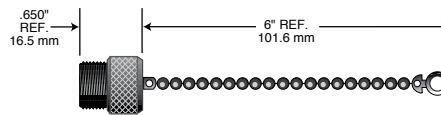
Plugs with Internal Threads



Number of Poles	Plugs	Receptacles
2, 3, 4, 5 OR 6 (A-SIZE)	75-0085	75-0086
6 (B-SIZE), 7 OR 8	75-0102	75-0103
9, 10 OR 12	75-0104	75-0105

Also available in stainless steel

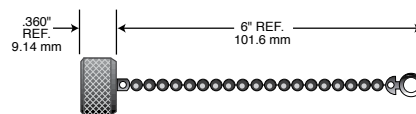
CLOSURE CAPS FOR MICRO-STYLE PLUGS AND RECEPTACLES WITH INTERNAL THREADS



Single Key (M12)	Dual Key (1/2-20)
75-0025	75-0027

Also available in stainless steel

CLOSURE CAPS FOR MICRO-STYLE PLUGS AND RECEPTACLES WITH EXTERNAL THREADS



Single Key (M12)	Dual Key (1/2-20)
75-0026	75-0028

Also available in stainless steel



TUFF-LINK™ TECHNICAL REFERENCE SECTION

RoHS STATEMENT

Remke Industries supports the European Union's efforts to remove harmful chemicals from electrical products. In compliance with Directive 2011/65/EU of the European Parliament and the Council of the European Union regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), Remke Industries certifies either:

1. The maximum concentration values of weight in homogenous materials for the substances referred to in Article 4(1) of directive 2002/95/EC that are contained in the Products do not exceed the maximum concentration values of 0.1% in respect of lead, mercury, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers, and 0.01% in respect of cadmium. OR
2. The product supplied is exempt from this directive.

Remke Industries certifies that all products of our manufacture are fully compliant to the current RoHS Directive.

CABLE CROSS REFERENCE AWG TO mm²

AWG	mm ²	AWG	mm ²	AWG	mm ²
30	0.05	21	0.38	16	1.5
28	0.08	20	0.5	14	2.5
26	0.14	18	0.75	12	4
24	0.25	17	1	10	6
22	0.34			8	10

KNOCKOUT HOLE DIMENSIONS

N.P.T. Hub Size	Knockout Hole Recommended (Min to Max/ Inches)
1/4"	.540 TO .570
3/8"	.671 TO .701
1/2"	.859 TO .906
3/4"	1.094 TO 1.141
1"	1.359 TO 1.406
1 1/4"	1.719 TO 1.766
1 1/2"	1.969 TO 2.016
2"	2.453 TO 2.500
2 1/2"	2.953 TO 3.000
3"	3.578 TO 3.625

COMPOUND RESISTANCE TABLE

Category	PVC	PUR	Rubber	TPE
Abrasion Resistance	F-G	E	E	E
Acid Resistance	G-E	E	G	E
Alcohol Resistance	G-E	E	G	E
Alkali Resistance	G-E	E	F-	E
Benzol, Tolulol Resistance	G-E	E	F-G	E
Degreaser Solvents Resistance	P-F	G-E	P	G-E
Electrical Properties	F-G	E	G	E
Flame Resistance	G-E	G-E	P-F	E
Gasoline Resistance	P	G-E	F-G	E
Heat Resistance	G	G-E	G	G-E
Low Temp Flexibility	P-F	G	G-E	G-E
Nuclear Radiation Resistance	F	E	F-G	P
Oil Resistance	F	O	G	O
Oxidation Resistance	E	E	G	O
Ozone Resistance	E	E	G	E
Water Resistance	G-E	G-E	G-E	G
Weather, Sunlight Resistance	G-E	E	F-G	O
Weld Slag Resistance	F	G-E	O	G-E

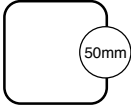

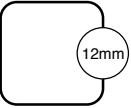
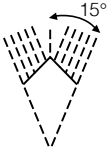
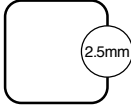
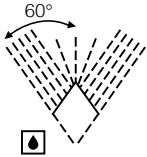
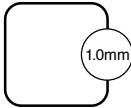
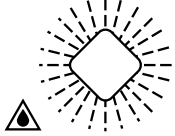
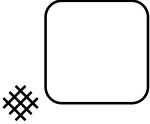
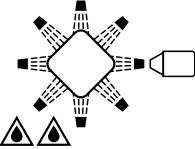
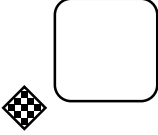
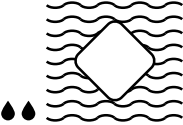
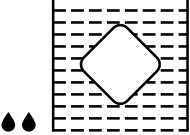
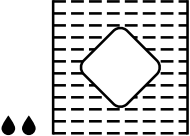
NOTES

P=Poor, F=Fair, G=Good, E=Excellent, O=Outstanding

These ratings are based on average performances of general use compounds. Special compounding can enhance performance capabilities.

TUFF-LINK APPLICATION GUIDE

PRODUCT	CONNECTS TO	APPLICATIONS
PICO-LINK CONNECTORS	8mm Sensors, Switches, Actuators, Etc. Miniature Modular Controls Printed Circuit Boards Temperature Probes	Robotic End Arm Tooling Gear Tooth Sensing Conveyors Material Handling Equipment Packaging Equipment
MICRO-LINK CONNECTORS	M12 Sensors & Actuators Modular Controls and Solenoids 12 & 18mm Sensors & Actuators Photoelectric Switches Proximity, Pressure & Limit Switches Hydraulic & Pneumatic Valves	Conveyors Pick-N-Place Robots & Machines Assembly & Packaging Lines OEM Machines & Equipment Transfer Lines Automated Machinery
MINI-LINK CONNECTORS	12 & 18mm Sensors & Actuators Solenoids & Hydraulic Valves Fractional HP Motors Proximity, Pressure & Limit Switches Power Tools & Foot Operated Switches Controls For Cranes & Hoists	Material Handling Systems Assembly & Packaging Lines Conveyors OEM Machines & Equipment Robotics Transportation Equipment

IP RATINGS DEFINITION			
First Digit	Protection From Solid Objects	Second Digit	Protection From Moisture
0	Non-Protected	0	Non-Protected
1	 <p>Protected against solid objects over 50mm e.g hands, large tools</p>	1	 <p>Protection against vertically falling drops of water</p>
2	 <p>Protected against solid objects over 12mm e.g hands, large tools</p>	2	 <p>Protection against direct sprays of water up to a 15° angle</p>
3	 <p>Protection from entry by solid objects over 2.5mm e.g. wire or small tools</p>	3	 <p>Protection against direct sprays of water up to a 60° angle</p>
4	 <p>Protection from entry by solid objects over 1.0mm e.g. wires or tools</p>	4	 <p>Protection against water sprayed from any direction. Limited ingress permitted.</p>
5	 <p>Protection against deposits of dust e.g. against equipment damage due to deposits</p>	5	 <p>Protection against low pressure water jets from any direction. Limited ingress permitted</p>
6	 <p>Total protection against dust ingress e.g. Dust-Tight</p>	6	 <p>Protection against high pressure water jets from any direction. Limited ingress permitted.</p>
IP CODE EXAMPLE IP54 = IP (IP LETTER CODE), 5 (1st Digit), 4 (2nd Digit)			
7	 <p>Protection against immersion between 15cm and 1M</p>	8	 <p>Protection against complete and continuous immersion in water under pressure e.g Water-Tight</p>

MATERIAL/APPLICATION GUIDE - CABLE JACKET MATERIAL

	COST	TYPICAL APPLICATIONS
<p>TYPE SOOW & SJOOW RUBBER Excellent resistance to oils, acids, chemicals, water, ozone, Extreme temperatures, cuts, tears & abrasion. Flame retardant & highly flexible. Indoor/outdoor rated. Sunlight resistant.</p>	Moderate to High	Extra hard usage on industrial equipment, heavy tools, motors, welding with hot substrates like weld spatter, machinery mining applications, and where solvents, oil and coolants exist.
<p>PVC (POLYVINYLCHLORIDE) Excellent flame, heat, oxidation and moisture resistance. Good performance in a wide range of temperatures. Good resistance to tearing & abrasions and resists some cutting fluids.</p>	Low	General assembly applications, general industrial machinery, controls & control instrumentation. Other applications include general wiring, and outdoors. Not suited for high-flex applications.
<p>PUR (POLYURETHANE) Excellent resistance to oils, solvents, greases, oxidation, ozone. Excellent cut-through, tear, and abrasion performance. Resistant to many industrial fluids. Poor resistance to steam, high temperatures and acids. Long flex life.</p>	Moderate	High abuse areas including metal cutting and machining. High-flex applications including robotics. Good in cold temperature & freezer applications. Good in applications with mechanical abuse, vibration and impact.
<p>TPE (THERMOPLATIC ELASTOMER) Excellent ozone, chemical, oil and water resistance. Rated for constant flexing. Highly flexible and resistant to flame, weld slag, broad range of chemicals & corrosive cutting fluids. Excellent abrasion resistance, wide range of operating temperatures, good weatherability.</p>	Moderate	General use in harsh environments. Ideal in automotive plants –welding robots, machining and general use. Mobile equipment or machines. High-flex applications like end of arm tooling, grippers, robots and other automated equipment.
<p>SILICONE Excellent high temperature resistance. Temperature range -65 to +260 degrees C.</p>	Moderate to High	Food processing, packaging, refrigeration, furnaces, foundries, glass manufacturing, steel mills & other high temperature processes.

MATERIAL/APPLICATION GUIDE - COUPLING NUT MATERIAL

	STANDARD OR OPTIONAL	TYPICAL APPLICATIONS
<p>ANODIZED ALUMINUM Stronger & more durable than regular aluminum with increased corrosion resistance and surface hardness. Highly resistant to scratches & wear. Resists moisture and salt spray. Durable and equipment, pulp and paper. easy to maintain - cleans easily.</p>	Standard	Good to use in applications where durability is critical including food manufacturing & prep equipment, automotive production, general manufacturing, marine industry, medical & dental equipment, pulp and paper.
<p>STAINLESS STEEL Rated to IP68 and can withstand 1200 PSI applications with water, detergents & surfactants. Corrosion resistant, retains strength at high temperatures, easy cleaning, attractive appearance, excellent impact resistance, high resistance to shock at low & high temperatures. Provides the longest protection against freezing and rusting.</p>	Optional	Excellent for wash down environments and food industry applications or any place caustic materials are used. Ideal for use in hospitals, dairies, automotive, conveyors, chemical & petrochemical plants, oil & gas offshore and onshore, power generation.
<p>NICKEL PLATED BRASS Superior protection against corrosion. Provides enhanced appearance and superior conductivity. More economical than stainless steel. Resistant to salt water, weak acids and alkalis, alcohol, esters, ketones, ether, gasoline, mineral oil, animal and vegetable oil.</p>	Standard	Ideally suited for washdown environments in food processing plants at ASTM salt spray tests indicate corrosion resistance with similar properties of stainless steel. Also suited for wastewater treatment facilities, offshore & marine industry.
<p>PEEK POLYMERS High performance thermoplastic with melting temperature of 649°F. Exceptional strength. Excellent resistance to wide range of chemical environments even at higher temperatures. Insoluble in most common solvents. Can be used in steam or high water pressure. Resistant to oil, fire and smoke.</p>	Optional	Well suited for use in automotive and transport machinery, food & beverage equipment and parts, industrial and chemical processing equipment, medical & healthcare devices, military & defense equipment, oil and gas machinery, deep drilling components textile machinery.