

ON-LINE

ELECTRONICS, INC.



QUALITY
WIRE
PRODUCTS



ON-LINE ELECTRONICS

The "Good Ol' Days of attitude, service, and professionalism... Today!

Professionalism is the differentiating factor which sets On-Line Electronics apart from others in the distribution of electro-mechanical products. We want your business and we act accordingly. We make sure your orders are processed and shipped without delays or costly errors. In addition to handling each order with efficiency, we offer only quality merchandise. Most items carry UL & CSA listings. Some carry MS (Military Standard) approvals to assure you of a quality product.

Quality plus delivery at competitive prices is truly professionalism in distribution.

TERM: All orders C.O.D. until credit established.
FOB: Costa Mesa, California
SHIP VIA: UPS unless otherwise specified.

NOTE: All orders subject to availability and acceptance by authorized agent or offeror. Prices subject to change without notice. All dimensions are for reference only and are subject to change without notice. On-Line Electronics shall not be liable for any damage, injury, or loss arising out of use of the products listed herein.

ON-LINE ELECTRONICS, INC.

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ON-LINE TERMINATION PRODUCTS

ON-LINE Electronics offers a wide range of the finest in wire termination and related products. It is the purpose of this catalog to provide a quick and easy reference listing of only the most popular products. For assistance with requirements for non-standard products or products not found in this catalog, call On-Line directly.

TERMINATION FEATURES

- Pure copper for maximum conductivity
- Tin plated for corrosion resistance
- Grooved barrels for maximum wire holding strength
- Chamfered barrel openings for easy wire insertion
- Funnel shaped insulators for ease and speed of use
- Stamped with wire gage or color coded for easy identification
- Full 1/4" barrels for maximum crimp area

BARREL CONFIGURATIONS



NON-INSULATED

DESCRIPTION

Bare non-insulated barrel with plain butt edge seam.

FEATURES

- Economical



NON-INSULATED BRAZED

DESCRIPTION

Silver alloy brazed seam.

FEATURES

- Can be crimped anywhere (including seam) without splitting.



VINYL INSULATED

DESCRIPTION

Brazed barrel tightly fitted with a color coded funnel shaped insulating sleeve.

FEATURES

- Color coded for easy identification
- Provides good insulating properties
- Resists minor vibration



NYLON / SLEEVE INSULATED

DESCRIPTION

Brazed barrel fitted with copper insulation gripping sleeve and an outer funnel shaped nylon insulator.

FEATURES

- Color coded for easy identification
- Provides excellent insulating properties
- Excellent vibration resistance
- Best quality, reliability, and performance

SECTION 1

RINGS, SPADES, & HOOKS for 26 AWG to 250 MCM

All of the connectors listed in this section are manufactured from pure copper* for high conductivity, electro-plated with tin for corrosion resistance, and stamped with the wire range or color coded for easy identification. Barrels have chamfered openings for easy wire insertion and serrated "V" grooves for

* Spring spades are made from copper alloy

maximum wire holding strength.

Brazed versions allow crimping anywhere (even on seam) without splitting. Insulated versions offer electrical insulation and strain relief for wire insulation to maintain crimp integrity with vibration.



**RING
TERMINAL**



**HOOK
TERMINAL**



**SPADE
TERMINAL**



**WIRE
PIN
TERMINAL**



**FLANGED
SPADE
TERMINAL**



**HI-TEMP
TERMINAL**



**SPRING SPADE
TERMINAL**



**SEAL & GRIP
TERMINAL**

RINGS



NON-INSULATED

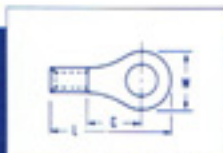


INSULATED

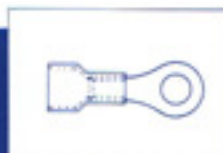
BASIC DIMENSIONS			NON-INSULATED			INSULATED			
STUD	W	C	UNBRAZED	BRAZED	L	VINYL	L	NYLON/SLEEVE	L
26-22 AWG			Thickness: .020" Insulation color: Yellow						
2	.14	.17	R-62-2		.41	RV-62-2	.59	RNS-62-2	.70
4	.20	.22	R-62-4		.50	RV-62-4	.68	RNS-62-4	.79
6	.25	.29	R-62-6		.59	RV-62-6	.77	RNS-62-6	.88
8	.32	.29	R-62-8		.62	RV-62-8	.80	RNS-62-8	.91
10	.32	.29	R-62-10		.62	RV-62-10	.80	RNS-62-10	.91
22-18 AWG			Thickness: .030" Insulation color: Red						
4	.22	.16	R-26-4	RB-26-4	.45	RV-26-4	.74	RNS-26-4	.74
6	.22	.16	R-26-6SS	RB-26-6SS	.45	RV-26-6SS	.74	RNS-26-6SS	.74
6	.25	.28	R-26-6S	RB-26-6S	.65	RV-26-6S	.86	RNS-26-6S	.92
8	.25	.28	R-26-8S	RB-26-8S	.65	RV-26-8S	.86	RNS-26-8S	.86
8	.31	.28	R-26-8	RB-26-8	.70	RV-26-8	.91	RNS-26-8	.94
10	.31	.28	R-26-10	RB-26-10	.70	RV-26-10	.91	RNS-26-10	.94
1/4	.46	.42	R-26-14	RB-26-14	.90	RV-26-14	1.10	RNS-26-14	1.14
5/16	.53	.42	R-26-56	RB-26-56	.94	RV-26-56	1.10	RNS-26-56	1.14
3/8	.53	.42	R-26-38	RB-26-38	.94	RV-26-38	1.14	RNS-26-38	1.16
16-14 AWG			Thickness: .030" Insulation color: Blue						
4	.25	.16	R-64-4	RB-64-4	.45	RV-64-4	.74	RNS-64-4	.74
6	.25	.16	R-64-6SS	RB-64-6SS	.45	RV-64-6SS	.74	RNS-64-6SS	.74
6	.25	.28	R-64-6S	RB-64-6S	.65	RV-64-6S	.88	RNS-64-6S	.91
8	.25	.28	R-64-8S	RB-64-8S	.65	RV-64-8S	.88	RNS-64-8S	.88
8	.31	.28	R-64-8	RB-64-8	.70	RV-64-8	.94	RNS-64-8	.91
10	.31	.28	R-64-10	RB-64-10	.70	RV-64-10	.94	RNS-64-10	.91
1/4	.46	.42	R-64-14	RB-64-14	.90	RV-64-14	1.06	RNS-64-14	1.13
5/16	.46	.42	R-64-56	RB-64-56	.94	RV-64-56	1.06	RNS-64-56	1.13
3/8	.53	.42	R-64-38	RB-64-38	.94	RV-64-38	1.06	RNS-64-38	1.17
1/2	.75	.57	R-64-12	RB-64-12	1.12	RV-64-12	1.34	RNS-64-12	1.34
12-10 AWG			Thickness: .040" Insulation color: Yellow						
4	.28	.27	R-20-4	RB-20-4	.68	RV-20-4	1.02	RNS-20-4	1.03
6	.28	.27	R-20-6S	RB-20-6S	.68	RV-20-6S	.95	RNS-20-6S	1.03
6	.37	.28	R-20-6	RB-20-6	.74	RV-20-6	1.00	RNS-20-6	1.09
8	.28	.27	R-20-8S	RB-20-8S	.68	RV-20-8S	.95	RNS-20-8S	1.03
8	.37	.28	R-20-8	RB-20-8	.74	RV-20-8	1.00	RNS-20-8	1.09
10	.37	.28	R-20-10	RB-20-10	.74	RV-20-10	1.00	RNS-20-10	1.09
1/4	.53	.45	R-20-14	RB-20-14	.94	RV-20-14	1.20	RNS-20-14	1.35
5/16	.61	.45	R-20-56	RB-20-56	.96	RV-20-56	1.28	RNS-20-56	1.35
3/8	.61	.45	R-20-38	RB-20-38	.96	RV-20-38	1.28	RNS-20-38	1.41
7/16	.71	.50	R-20-76	RB-20-76	1.13	RV-20-76	1.46	RNS-20-76	1.47
1/2	.71	.50	R-20-12	RB-20-12	1.13	RV-20-12	1.46	RNS-20-12	1.47

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RINGS (continued)



NON-INSULATED



INSULATED

BASIC DIMENSIONS			NON-INSULATED		INSULATED	
STUD	W	C	BRAZED	L	VINYL	L
8 AWG			Thickness: .045" Insulation color: Red			
8	.38	.34	R-8-8	.91	RV-8-8	1.22
8	.47	.39	R-8-8S	.95	RV-8-8S	1.27
10	.38	.34	R-8-10	.91	RV-8-10	1.22
10	.47	.39	R-8-10S	.95	RV-8-10S	1.27
1/4	.47	.39	R-8-14	.95	RV-8-14	1.27
5/16	.59	.45	R-8-56	1.06	RV-8-56	1.38
3/8	.59	.45	R-8-38	1.06	RV-8-38	1.38
1/2	.88	1.00	R-8-12	1.76	RV-8-12	2.09
6 AWG			Thickness: .057" Insulation color: Blue			
10	.47	.50	R-6-10	1.14	RV-6-10	1.50
1/4	.47	.50	R-6-14	1.14	RV-6-14	1.50
5/16	.63	.50	R-6-56	1.22	RV-6-56	1.60
3/8	.63	.50	R-6-38	1.22	RV-6-38	1.60
7/16	.63	.54	R-6-76	1.26	RV-6-76	1.70
1/2	.88	1.00	R-6-12	1.85	RV-6-12	2.28
4 AWG			Thickness: .068" Insulation color: Yellow			
10	.47	.50	R-4-10S	1.22	RV-4-10S	1.75
10	.56	.50	R-4-10	1.24	RV-4-10	1.75
1/4	.47	.50	R-4-14S	1.22	RV-4-14S	1.75
1/4	.56	.50	R-4-14	1.24	RV-4-14	1.75
5/16	.66	.50	R-4-56	1.29	RV-4-56	1.78
3/8	.66	.50	R-4-38	1.29	RV-4-38	1.78
7/16	.66	.50	R-4-76	1.29	RV-4-76	1.78
1/2	.88	1.00	R-4-12	1.90	RV-4-12	2.39
2 AWG			Thickness: .078" Insulation color: Red			
10	.60	.60	R-2-10	1.44	RV-2-10	1.95
1/4	.60	.60	R-2-14	1.44	RV-2-14	1.95
5/16	.70	.60	R-2-56	1.49	RV-2-56	2.00
3/8	.70	.60	R-2-38	1.49	RV-2-38	2.00
7/16	.81	.60	R-2-76	1.54	RV-2-76	2.05
1/2	.81	.60	R-2-12	1.54	RV-2-12	2.05

CONTINUED NEXT PAGE

RINGS (continued)



NON-INSULATED



INSULATED

BASIC DIMENSIONS			NON-INSULATED		INSULATED	
STUD	W	C	BRAZED	L	VINYL	L
1/0 AWG			Thickness: .060" Insulation color: White			
1/4	.88	.58	R-1/0-14	1.93	RV-1/0-14	2.58
5/16	.88	.58	R-1/0-56	1.93	RV-1/0-56	2.58
3/8	.88	.58	R-1/0-38	1.93	RV-1/0-38	2.58
7/16	.88	.58	R-1/0-76	1.93	RV-1/0-76	2.58
1/2	.88	.58	R-1/0-12	1.93	RV-1/0-12	2.58
2/0 AWG			Thickness: .075" Insulation color: Blue			
1/4	.88	.53	R-2/0-14	1.93	RV-2/0-14	2.63
5/16	.88	.53	R-2/0-56	1.93	RV-2/0-56	2.63
3/8	.88	.53	R-2/0-38	1.93	RV-2/0-38	2.63
7/16	.88	.53	R-2/0-76	1.93	RV-2/0-76	2.63
1/2	.88	.53	R-2/0-12	1.93	RV-2/0-12	2.63
3/0 AWG			Thickness: .083" Insulation color: Yellow			
1/4	.93	.53	R-3/0-14	1.97	RV-3/0-14	2.71
5/16	.93	.53	R-3/0-56	1.97	RV-3/0-56	2.71
3/8	.93	.53	R-3/0-38	1.97	RV-3/0-38	2.71
7/16	.93	.38	R-3/0-76	1.97	RV-3/0-76	2.71
1/2	.93	.53	R-3/0-12	1.97	RV-3/0-12	2.71
4/0 AWG			Thickness: .093" Insulation color: Red			
1/4	1.08	.62	R-4/0-14	2.17	RV-4/0-14	2.87
5/16	1.08	.62	R-4/0-56	2.17	RV-4/0-56	2.87
3/8	1.08	.62	R-4/0-38	2.17	RV-4/0-38	2.87
7/16	1.08	.62	R-4/0-76	2.17	RV-4/0-76	2.87
1/2	1.08	.62	R-4/0-12	2.17	RV-4/0-12	2.87
5/8	1.08	.62	R-4/0-58	2.17	RV-4/0-58	2.87
3/4	1.08	.62	R-4/0-34	2.17	RV-4/0-34	2.87
250 MCM			Thickness: .105" Insulation color: Blue			
1/4	1.14	.62	R-250-14	2.21	RV-250-14	2.97
5/16	1.14	.63	R-250-56	2.21	RV-250-56	2.97
3/8	1.14	.62	R-250-38	2.21	RV-250-38	2.97
7/16	1.14	.62	R-250-76	2.21	RV-250-76	2.97
1/2	1.14	.62	R-250-12	2.21	RV-250-12	2.97
5/8	1.14	.62	R-250-58	2.21	RV-250-58	2.97
3/4	1.14	.62	R-250-34	2.21	RV-250-34	2.97

SPADES



NON-INSULATED



INSULATED

BASIC DIMENSIONS			NON-INSULATED			INSULATED			
STUD	W	C	UNBRAZED	BRAZED	L	VINYL	L	NYLON/SLEEVE	L
22-18 AWG			Thickness: .030" Insulation color: Red						
6	.26	.25	S-26-6S	SB-26-6S	.62	SV-26-6S	.84	SNS-26-6S	.84
6	.30	.25	S-26-6	SB-26-6	.66	SV-26-6	.88	SNS-26-6	.88
8	.30	.25	S-26-8	SB-26-8	.66	SV-26-8	.88	SNS-26-8	.88
10	.30	.25	S-26-10	SB-26-10	.66	SV-26-10	.88	SNS-26-10	.88
16-14 AWG			Thickness: .030" Insulation color: Blue						
4	.22	.38	S-64-4	SB-64-4	.76	SV-64-4	1.04	SNS-64-4	.95
6	.26	.25	S-64-6S	SB-64-6S	.62	SV-64-6S	.84	SNS-64-6S	.84
6	.30	.25	S-64-6	SB-64-6	.66	SV-64-6	.88	SNS-64-6	.88
8	.30	.25	S-64-8	SB-64-8	.66	SV-64-8	.88	SNS-64-8	.88
10	.30	.25	S-64-10	SB-64-10	.66	SV-64-10	.88	SNS-64-10	.88
12-10 AWG			Thickness: .040" Insulation color: Yellow						
6	.31	.28	S-20-6	SB-20-6	.71	SV-20-6	1.01	SNS-20-6	1.01
8	.31	.28	S-20-8	SB-20-8	.71	SV-20-8	1.01	SNS-20-8	1.01
10	.31	.28	S-20-10	SB-20-10	.71	SV-20-10	1.01	SNS-20-10	1.01

FLANGED SPADES



NON-INSULATED



INSULATED

BASIC DIMENSIONS			NON-INSULATED			INSULATED			
STUD	W	C	UNBRAZED	BRAZED	L	VINYL	L	NYLON /SLEEVE	L
22-18 AWG			Thickness: .030" Insulation color: Red						
6	.30	.19	SF-26-6S	SFB-26-6S	.60	SFV-26-6S	.87	SFNS-26-6S	.81
6	.26	.25	SF-26-6	SFB-26-6	.62	SFV-26-6	.88	SFNS-26-6	.88
8	.30	.19	SF-26-8S	SFB-26-8S	.60	SFV-26-8S	.87	SFNS-26-8S	.81
10	.30	.19	SF-26-10S	SFB-26-10S	.60	SFV-26-10S	.87	SFNS-26-10S	.81
16-14 AWG			Thickness: .030" Insulation color: Blue						
6	.30	.19	SF-64-6S	SFB-64-6S	.60	SFV-64-6S	.87	SFNS-64-6S	.81
6	.26	.25	SF-64-6	SFB-64-6	.62	SFV-64-6	.88	SFNS-64-6	.88
8	.30	.25	SF-64-8S	SFB-64-8S	.60	SFV-64-8S	.87	SFNS-64-8S	.81
10	.30	.25	SF-64-10S	SFB-64-10S	.60	SFV-64-10S	.87	SFNS-64-10S	.81
12-10 AWG			Thickness: .040" Insulation color: Yellow						
6	.31	.28	SF-20-6	SFB-20-6	.71	SFV-20-6	.98	SFNS-20-6	1.06
8	.31	.28	SF-20-8	SFB-20-8	.71	SFV-20-8	.98	SFNS-20-8	1.06
10	.31	.28	SF-20-10	SFB-20-10	.71	SFV-20-10	.98	SFNS-20-10	1.06

SPRING SPADES



NON-INSULATED



INSULATED

BASIC DIMENSIONS			NON-INSULATED			INSULATED				
STUD	W	C	UNBRAZED	BRAZED	L	VINYL	L	NYLON/SLEEVE	L	
22-18 AWG			Thickness: .030" Insulation color: Red							
4	.25	.26	SS-26-4	SSB-26-4	.56	SSV-26-4	.85	SSNS-26-4	.85	
5	.25	.26	SS-26-5	SSB-26-5	.56	SSV-26-5	.85	SSNS-26-5	.85	
6	.25	.26	SS-26-6S	SSB-26-6S	.56	SSV-26-6S	.85	SSNS-26-6S	.85	
8	.28	.26	SS-26-8S	SSB-26-8S	.56	SSV-26-8S	.85	SSNS-26-8S	.85	
10	.33	.26	SS-26-10S	SSB-26-10S	.60	SSV-26-10S	.89	SSNS-26-10S	.89	
16-14 AWG			Thickness: .030" Insulation color: Blue							
5	.25	.26	SS-64-5	SSB-64-5	.56	SSV-64-5	.85	SSNS-64-5	.85	
6	.25	.26	SS-64-6S	SSB-64-6S	.56	SSV-64-6S	.85	SSNS-64-6S	.85	
8	.28	.26	SS-64-8S	SSB-64-8S	.56	SSV-64-8S	.85	SSNS-64-8S	.89	
10	.33	.26	SS-64-10S	SSB-64-10S	.60	SSV-64-10S	.89	SSNS-64-10S	.89	
12-10 AWG			Thickness: .040" Insulation color: Yellow							
5	.25	.26	SS-20-5	SSB-20-5	.65	SSV-20-5	.99	SSNS-20-5	.99	
6	.25	.26	SS-20-6S	SSB-20-6S	.65	SSV-20-6S	.99	SSNS-20-6S	.99	
8	.28	.26	SS-20-8S	SSB-20-8S	.65	SSV-20-8S	.99	SSNS-20-8S	.99	
10	.33	.26	SS-20-10S	SSB-20-10S	.70	SSV-20-10S	1.05	SSNS-20-10S	1.05	
1/4	.45	.26	SS-20-14	SSB-20-14	.78	SSV-20-14	1.13	SSNS-20-14	1.13	

HOOKS



NON-INSULATED



INSULATED

BASIC DIMENSIONS			NON-INSULATED			INSULATED				
STUD	W	C	UNBRAZED	BRAZED	L	VINYL	L	NYLON/SLEEVE	L	
22-18 AWG			Thickness: .030" Insulation color: Red							
6	.31	.32	H-26-6	HB-26-6	.75	HV-26-6	.88	HNS-26-6	.94	
8	.31	.32	H-26-8	HB-26-8	.75	HV-26-8	.88	HNS-26-8	.94	
10	.31	.32	H-26-10	HB-26-10	.75	HV-26-10	.88	HNS-26-10	.94	
16-14 AWG			Thickness: .030" Insulation color: Blue							
6	.31	.28	H-64-6	HB-64-6	.71	HV-64-6	.88	HNS-64-6	.94	
8	.31	.28	H-64-8	HB-64-8	.71	HV-64-8	.88	HNS-64-8	.94	
10	.31	.32	H-64-10	HB-64-10	.71	HV-64-10	.88	HNS-64-10	.94	
12-10 AWG			Thickness: .040" Insulation color: Yellow							
6	.38	.28	H-20-6	HB-20-6	.74	HV-20-6	1.00	HNS-20-6	1.08	
8	.38	.28	H-20-8	HB-20-8	.74	HV-20-8	1.00	HNS-20-8	1.08	
10	.38	.28	H-20-10	HB-20-10	.74	HV-20-10	1.00	HNS-20-10	1.08	

WIRE PINS



NON-INSULATED



INSULATED

NON-INSULATED			INSULATED			
UNBRAZED	BRAZED	L	VINYL	L	NYLON/SLEEVE	L
22-18 AWG		Thickness: .030" Insulation color: Red				
WP-26	WPB-26	.70	WPV-26	.99	WPNS-26	.99
16-14 AWG		Thickness: .030" Insulation color: Blue				
WP-64	WPB-64	.70	WPV-64	.99	WPNS-64	.99
12-10 AWG		Thickness: .042" Insulation color: Yellow				
WP-20	WPB-20	.80	WPV-20	1.10	WPNS-20	1.15

3-WAY CONNECTORS



NON-INSULATED



INSULATED

NON-INSULATED		L	VINYL INSULATED		L
22-18 AWG		Thickness: .030" Insulation color: Red			
3WC-26		1.19	3WCV-26		1.71
16-14 AWG		Thickness: .030" Insulation color: Blue			
3WC-64		1.11	3WCV-64		1.66
12-10 AWG		Thickness: .040" Insulation color: Yellow			
3WC-20		1.11	3WCV-20		1.77

4-WAY CONNECTORS



NON-INSULATED



INSULATED

NON-INSULATED		L	VINYL INSULATED		L
22-18 AWG		Thickness: .030" Insulation color: Red			
4WC-26		1.19	4WCV-26		1.71
16-14 AWG		Thickness: .030" Insulation color: Blue			
4WC-64		1.11	4WCV-64		1.66
12-10 AWG		Thickness: .040" Insulation color: Yellow			
4WC-20		1.11	4WCV-20		1.77

HIGH TEMPERATURE
(900 F. Nickel Plated Steel Alloy)



RING TERMINALS

BASIC DIMENSIONS			NON-INSULATED	
STUD	W	C	L	

22-18 AWG

6	.25	.32	R-26-6-HT	.62
8	.31	.32	R-26-8-HT	.65
10	.31	.32	R-26-10-HT	.65

16-14 AWG

6	.31	.28	R-64-6-HT	.62
8	.31	.28	R-64-8-HT	.62
10	.31	.28	R-64-10-HT	.62

12-10 AWG

6	.37	.28	R-20-6-HT	.74
8	.37	.28	R-20-8-HT	.74
10	.37	.28	R-20-10-HT	.74
1/4	.52	.47	R-20-14-HT	1.00
5/16	.52	.47	R-20-56-HT	1.00

HIGH TEMPERATURE
(900 F. Nickel Plated Steel Alloy)



MALE DISCONNECTS

DIMENSIONS		NON-INSULATED	
WIDTH	THICK.	BRAZED	
		L	

18-14 AWG

.187	.032	MD-64-187-8-HT	.62
.205	.032	MD-64-205-8-HT	.62
.250	.032	MD-64-250-HT	.67

SEAL & GRIP HEAT SHRINK TUBING PREAPPLIED



RINGS

STOCK NO.	WIRE RANGE	STUD SIZE
RB-26-6-SNG	22-16	6
RB-64-8-SNG	16-14	8
RB-64-10-SNG	16-14	10
RB-20-8-SNG	12-10	8
RB-20-10-SNG	12-10	10



BUTT SPLICES

STOCK NO.	WIRE RNG
BCB-26-SNG	22-16
BCB-64-SNG	16-14
BCB-20-SNG	12-10



SPADES

STOCK NO.	WIRE RNG	STUD
SB-26-10-SNG	22-16	10
SB-64-8-SNG	16-14	8
SB-64-10-SNG	16-14	10
SB-20-8-SNG	12-10	8
SB-20-10-SNG	12-10	10

HIGH TEMPERATURE
(900 F. Nickel Plated Steel Alloy)



FEMALE DISCONNECTS

DIMENSIONS		NON-INSULATED	
WIDTH	THICK.	L	

18-14 AWG

.187	.020	FD-64-187-5-HT	.59
.187	.032	FD-64-187-8-HT	.59
.205	.020	FD-64-205-5-HT	.59
.205	.032	FD-64-205-8-HT	.59
.250	.032	FD-64-250-HT	.64

HIGH TEMPERATURE
(900 F. Nickel Plated Steel Alloy)



BUTT CONNECTORS

NON-INSULATED

22-18 AWG

BC-26-HT	.58
----------	-----

16-14 AWG

BC-64-HT	.58
----------	-----

12-10 AWG

BC-20-HT	.74
----------	-----

1. Insert Wire
2. Crimp connector
3. Apply heat



SECTION 2

Connectors for 26 AWG to 4/0 AWG

All of the connectors listed in this section are manufactured from pure copper for high conductivity, electro-plated with tin for corrosion resistance, and stamped with the wire range or color coded for easy identification. Barrels have chamfered openings for easy wire insertion and serrated "V" grooves for

maximum wire holding strength after crimping.

Brazed versions allow crimping anywhere (even on seam) without splitting. Insulated versions offer electrical insulation and strain relief for wire insulation to maintain crimp integrity with vibration.

BUTT CONNECTORS



.250 ADAPTERS



PARALLEL CONNECTORS



LINE TAPS



WINDOW BUTT CONNECTORS



WIRE NUTS



CLOSED END CONNECTORS



QUICK SPLICES



BUTT CONNECTORS



NON-INSULATED

INSULATED

NON-INSULATED			INSULATED			
UNBRAZED	BRAZED	L	VINYL	L	NYLON	L
22-18 AWG		Thickness: .031" Insulation color: Red				
BC-26	BCB-26	.58	BCV-26	1.01	BCN-26	1.01
16-14 AWG		Thickness: .031" Insulation color: Blue				
BC-64	BCB-64	.58	BCV-64	1.01	BCN-64	1.01
12-10 AWG		Thickness: .041" Insulation color: Yellow				
BC-20	BCB-20	.58	BCV-20	1.05	BCN-20	1.05
8 AWG		Thickness: .045" Insulation color: Red				
	BC-8	.77	BCV-8	1.45	BCN-8	1.45
6 AWG		Thickness: .057" Insulation color: Blue				
	BC-6	1.02	BCV-6	1.86	BCN-6	1.86
4 AWG		Thickness: .068" Insulation color: Yellow				
	BC-4	1.20	BCV-4	2.03	BCN-4	2.03
2 AWG		Thickness: .078" Insulation color: Red				
	BC-2	1.37	BCV-2	2.38	BCN-2	2.38
1/0 AWG		Thickness: .090"				
	BC-1/0	1.52				
2/0 AWG		Thickness: .075"				
	BC-2/0	1.58				
3/0 AWG		Thickness: .083"				
	BC-3/0	1.58				
4/0 AWG		Thickness: .093"				
	BC-4/0	1.58				

PARALLEL CONNECTORS



NON-INSULATED

INSULATED

NON-INSULATED				INSULATED			
UNBRAZED	L	BRAZED	L	VINYL	L	NYLON	L
22-18 AWG		Thickness: .030" Insulation color: Red					
PC-26	.33	PCB-26	.33	PCV-26	.76	PCN-26	.76
16-14 AWG		Thickness: .030" Insulation color: Blue					
PC-64	.33	PCB-64	.33	PCV-64	.76	PCN-64	.76
12-10 AWG		Thickness: .040" Insulation color: Yellow					
PC-20	.33	PCB-20	.33	PCV-20	.83	PCN-20	.83
8 AWG		Thickness: .045" Insulation color: Red					
		PC-8	.38	PCV-8	1.05	PCN-8	1.05
6 AWG		Thickness: .057" Insulation color: Blue					
		PC-6	.46	PCV-6	1.19	PCN-6	1.14
4 AWG		Thickness: .068" Insulation color: Yellow					
		PC-4	.54	PCV-4	1.41	PCN-4	1.41
2 AWG		Thickness: .078" Insulation color: Red					
		PC-2	.65	PCV-2	1.63	PCN-2	1.63
1/0 AWG		Thickness: .090"					
		PC-1/0	.74				
2/0 AWG		Thickness: .075"					
		PC-2/0	.74				
3/0 AWG		Thickness: .083"					
		PC-3/0	.77				
4/0 AWG		Thickness: .093"					
		PC-4/0	.79				

CLOSED END CONNECTORS



BRAZED/NYLON	A	B	C	D	L
22-18 AWG Thickness: .030"					
CEC-26	.08	.24	.15	.31	.60
16-14 AWG Thickness: .030"					
CEC-64	.10	.28	.19	.32	.73
12-10 AWG Thickness: .040"					
CEC-20	.16	.40	.27	.32	.81
8 AWG Thickness: .040"					
CEC-8	.22	.49	.39	.44	1.09

WINDOW BUTT CONNECTORS



NON-INSULATED



INSULATED

NON-INSULATED		NYLON INSULATED			
BRAZED	L	SLEEVE	L	WINDOW/SLEEVE	L
22-18 AWG Thickness: .030"		Insulation color: Red			
WBCS-26	.84	BCNS-26	1.01	WBCNS-26	1.18
16-14 AWG Thickness: .030"		Insulation color: Blue			
WBCS-64	.86	BCNS-64	1.01	WBCNS-64	1.16
12-10 AWG Thickness: .040"		Insulation color: Yellow			
WBCS-20	1.27	BCNS-20	1.18	WBCNS-20	1.57

.250" ADAPTERS

STOCK NUMBER

MFM-250



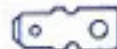
MMF-250



MBMD-250



MT-10



FC-250



LINE TAPS & CONNECTORS

LINE TAPS	
STK. NO.	WIRE RNG.
901	18-14
951	22-18
952	18-14
953	12

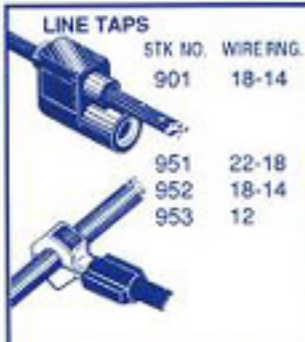




Diagram showing a line tap (901) being inserted into a wire, and another diagram showing a tap (953) being used to tap a wire.

LINE TAP CONNECTORS		
	Fits Tap 901	
		Fits Taps 951, 952, 953
WIRE RANGE	INSULATED	INSULATED with SUPPORT SLEEVE
22-18 16-14	MBV-26-5 MBV-64-5	MBVS-26-5 MBVS-64-5
22-18 16-14 12-10	MDFN-26-250-C3 MDFN-64-250-C3 MDFN-20-250-C3	MDFNS-26-250-C3 MDFNS-64-250-C3 MDFNS-20-250-C3

WIRE NUTS

Metal Insert & All Plastic

METAL INSERT					
STK. NO.	WIRE RNG.	CLR	C	L	D
71B	22-18	Gray	1/8	37/64	1/4
72B	22-16	Blue	3/16	45/64	5/16
73B	22-14	Orange	13/64	27/32	11/32
74B	18-12	Yellow	15/64	15/16	7/16
76B	18-10	Red	21/64	11/16	17/32
78B	14-8	Gray	29/64	1 1/4	17/32

ALL PLASTIC					
STK. NO.	WIRE RNG.	CLR	C	L	D
A-0	22-18	Ivory	1/8	37/64	17/64
A-3	22-16	Ivory	5/32	11/16	5/16
A-4	22-14	Ivory	13/64	27/32	11/32
A-5	18-12	Ivory	13-16	1 3/32	27/64

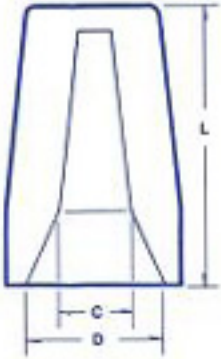


Diagram of a wire nut showing dimensions: C (width), D (width at base), and L (height).

QUICK SPLICE & TAP



STOCK NUMBER	WIRE RANGE	COLOR
905	22-18	Red
801	18-14	Blue
564	18-14	White
902	18-12	Brown
903	12-10	Yellow

SECTION 3

QUICK DISCONNECT TERMINALS for 26-10 AWG

All of the connectors listed in this section are manufactured from pure brass or copper for high conductivity, electro-plated with tin for corrosion resistance, and stamped with the wire range or color

coded for easy identification. Barrels have chamfered openings for easy wire insertion and serrated "V" grooves for maximum wire holding strength after crimping.



**FEMALE
DISCONNECTS**



**FEMALE
DISCONNECTS
(FULLY INSULATED)**



**MALE
DISCONNECTS**



**NYLON
COUPLERS
(FULLY INSULATED)**



**MALE/FEMALE
DISCONNECTS
(piggy backs)**



**KNIFE
DISCONNECTS**



**FLAG
DISCONNECTS**



**BULLET
CONNECTORS**

FEMALE DISCONNECTS



NON INSULATED

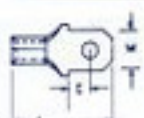


INSULATED

NEMA TAB		NON-INSULATED		INSULATED			
WIDTH	THICK.	UNBRAZED	L	VINYL	L	NYLON/SLEEVE	L
26-22 AWG		Insulation Color: Yellow					
.110	.020	FD-62-110-5	.50	FDV-62-110-5	.68	FDNS-62-110-5	.76
.110	.032	FD-62-110-8	.50	FDV-62-110-8	.68	FDNS-62-110-8	.76
.125	.020	FD-62-125-5	.50	FDV-62-125-5	.68	FDNS-62-125-5	.76
.125	.032	FD-62-125-8	.50	FDV-62-125-8	.68	FDNS-62-125-8	.76
.187	.020	FD-62-187-5	.59	FDV-62-187-5	.72	FDNS-62-187-5	.85
.187	.032	FD-62-187-8	.59	FDV-62-187-8	.72	FDNS-62-187-8	.85
.205	.020	FD-62-205-5	.59	FDV-62-205-5	.72	FDNS-62-205-5	.85
.205	.032	FD-62-205-8	.59	FDV-62-205-8	.72	FDNS-62-205-8	.85
.250	.032	FD-62-250	.64	FDV-62-250	.82	FDNS-62-250	.90
22-18 AWG		Insulation Color: Red					
.110	.020	FD-26-110-5	.49	FDV-26-110-5	.78	FDNS-26-110-5	.78
.110	.032	FD-26-110-8	.49	FDV-26-110-8	.78	FDNS-26-110-8	.78
.125	.020	FD-26-125-5	.49	FDV-26-125-5	.78	FDNS-26-125-5	.78
.125	.032	FD-26-125-8	.49	FDV-26-125-8	.78	FDNS-26-125-8	.78
.187	.020	FD-26-187-5	.57	FDV-26-187-5	.86	FDNS-26-187-5	.86
.187	.032	FD-26-187-8	.57	FDV-26-187-8	.86	FDNS-26-187-8	.86
.205	.020	FD-26-205-5	.57	FDV-26-205-5	.86	FDNS-26-205-5	.86
.205	.032	FD-26-205-8	.57	FDV-26-205-8	.86	FDNS-26-205-8	.86
.250	.032	FD-26-250	.62	FDV-26-250	.91	FDNS-26-250	.91
16-14 AWG		Insulation Color: Blue					
.110	.020	FD-64-110-5	.50	FDV-64-110-5	.78	FDNS-64-110-5	.78
.110	.032	FD-64-110-8	.50	FDV-64-110-8	.78	FDNS-64-110-8	.78
.125	.020	FD-64-125-5	.50	FDV-64-125-5	.78	FDNS-64-125-5	.78
.125	.032	FD-64-125-8	.50	FDV-64-125-8	.78	FDNS-64-125-8	.78
.187	.020	FD-64-187-5	.59	FDV-64-187-5	.87	FDNS-64-187-5	.86
.187	.032	FD-64-187-8	.59	FDV-64-187-8	.87	FDNS-64-187-8	.86
.205	.020	FD-64-205-5	.59	FDV-64-205-5	.87	FDNS-64-205-5	.86
.205	.032	FD-64-205-8	.59	FDV-64-205-8	.87	FDNS-64-205-8	.86
.250	.032	FD-64-250	.64	FDV-64-250	.92	FDNS-64-250	.91
12-10 AWG		Insulation Color: Yellow					
.187	.020	FD-20-187-5*	.68	FDV-20-187-5*	1.00	FDNS-20-187-5	1.02
.187	.032	FD-20-187-8*	.68	FDV-20-187-8*	1.00	FDNS-20-187-8	1.02
.250	.032	FD-20-250-H*	.72	FDV-20-250-H*	1.04	FDNS-20-250-H	1.06
.250	.032	FD-20-250	.63	FDV-20-250	.93	FDNS-20-250	.97
.375	.040	FD-20-375	.87	FDV-20-375	1.18	FDNS-20-375	1.18

* Denotes extra crimp sleeve

MALE DISCONNECTS



NON-INSULATED



INSULATED

NEMA TAB		NON-INSULATED		INSULATED			
WIDTH	THICK.	UNBRAZED	L	VINYL	L	NYLON / SLEEVE	L
22-18 AWG		Insulation Color: Red					
.110	.020	MD-26-110-5	.57	MDV-26-110-5	.86	MDNS-26-110-5	.85
.110	.032	MD-26-110-8	.57	MDV-26-110-8	.86	MDNS-26-110-8	.85
.187	.020	MD-26-187-5	.71	MDV-26-187-5	.90	MDNS-26-187-5	.88
.187	.032	MD-26-187-8	.71	MDV-26-187-8	.90	MDNS-26-187-8	.88
.205	.020	MD-26-205-5	.71	MDV-26-205-5	.90	MDNS-26-205-5	.88
.205	.032	MD-26-205-8	.71	MDV-26-205-8	.90	MDNS-26-205-8	.88
.250	.032	MD-26-250	.76	MDV-26-250	1.02	MDNS-26-250	.96
16-14 AWG		Insulation Color: Blue					
.110	.020	MD-64-110-5	.57	MDV-64-110-5	.86	MDNS-64-110-5	.87
.110	.032	MD-64-110-8	.57	MDV-64-110-8	.86	MDNS-64-110-8	.87
.187	.020	MD-64-187-5	.71	MDV-64-187-5	.90	MDNS-64-187-5	.93
.187	.032	MD-64-187-8	.71	MDV-64-187-8	.90	MDNS-64-187-8	.93
.205	.020	MD-64-205-5	.71	MDV-64-205-5	.90	MDNS-64-205-5	.93
.205	.032	MD-64-205-8	.71	MDV-64-205-8	.90	MDNS-64-205-8	.93
.250	.032	MD-64-250	.76	MDV-64-250	1.04	MDNS-64-250	.95
12-10 AWG		Insulation Color: Yellow					
.250	.032	MD-20-250	.70	MDV-20-250	.92	MDNS-20-250	.92

MALE-FEMALE DISCONNECTS



NON-INSULATED



INSULATED

NEMA TAB		NON-INSULATED		INSULATED			
WIDTH	THICK.	UNBRAZED	L	VINYL	L	NYLON / SLEEVE	L
22-18 AWG		Thickness: .020" Insulation Color: Red					
.250	.032	FMD-26-250	.60	FMDV-26-250	.86	FMDNS-26-250	.88
16-14 AWG		Thickness: .020" Insulation Color: Blue					
.250	.032	FMD-64-250	.60	FMDV-64-250	.88	FMDNS-64-250	.88
12-10 AWG		Thickness: .020" Insulation Color: Yellow					
.250	.032	FMD-20-250	.75	FMDV-20-250	1.01	FMDNS-20-250	1.01

FLAG DISCONNECTS



NON-INSULATED



NON-INSULATED W/ GRIP



INSULATED

NEMA TAB		NON-INSULATED				INSULATED	
WIDTH	THICK.	UNBRAZED	L	WIRE GRIP	L	NYLON	L
22-18 AWG		Insulation Color: Red					
.187	.020	FD-26-187-5-F	.46	FD-26-250-FWG	.54	FDN-26-250-F	.61
.250	.032	FD-26-250-F	.50				
16-14 AWG		Insulation Color: Blue					
.187	.020	FD-64-187-5-F	.47	FD-64-250-FWG	.54	FDN-64-250-F	.63
.250	.032	FD-64-250-F	.51				
12-10 AWG		Insulation Color: Yellow					
.250	.032	FD-20-250-FHN	.60				

FEMALE FULLY INSULATED DISCONNECTS

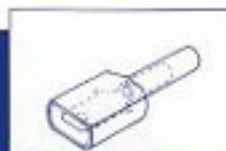


NEMA TAB		FULLY INSULATED			
WIDTH	THICK.	VINYL	L	VINYL/SLEEVE	L
26-22 AWG		Insulation Color: Yellow			
.110	.020	FDV-62-110-5	.73	FDVVS-62-110-5	.73
.110	.032	FDV-62-110-8	.73	FDVVS-62-110-8	.73
.187	.020	FDV-62-187-5	.92	FDVVS-62-187-5	.92
.187	.032	FDV-62-187-8	.92	FDVVS-62-187-8	.92
.250	.032	FDV-62-250	.95	FDVVS-62-250	.95
22-18 AWG		Insulation Color: Red			
.110	.020	FDV-26-110-5	.71	FDVVS-26-110-5	.71
.110	.032	FDV-26-110-8	.71	FDVVS-26-110-8	.71
.187	.020	FDV-26-187-5	.90	FDVVS-26-187-5	.90
.187	.032	FDV-26-187-8	.90	FDVVS-26-187-8	.90
.205	.020	FDV-26-205-5	.90	FDVVS-26-205-5	.90
.205	.032	FDV-26-205-8	.90	FDVVS-26-205-8	.90
.250	.032	FDV-26-250	.92	FDVVS-26-250	.92
16-14 AWG		Insulation Color: Blue			
.110	.020	FDV-64-110-5	.71	FDVVS-64-110-5	.71
.110	.032	FDV-64-110-8	.71	FDVVS-64-110-8	.71
.187	.020	FDV-64-187-5	.90	FDVVS-64-187-5	.90
.187	.032	FDV-64-187-8	.90	FDVVS-64-187-8	.90
.205	.020	FDV-64-205-5	.90	FDVVS-64-205-5	.90
.205	.032	FDV-64-205-8	.90	FDVVS-64-205-8	.90
.250	.032	FDV-64-250	.92	FDVVS-64-250	.92
12-10 AWG		Insulation Color: Yellow			
.250	.032	FDV-20-250	1.07	FDVVS-20-250	1.07

**NYLON FULLY INSULATED
COUPLERS
(Flat Sides)**



FEMALE



MALE

NEMA TAB		FULLY INSULATED					
WIDTH	THICK.	FEMALE/MALE	NYLON	L	NYLON / SLEEVE	L	
22-18 AWG		Insulation Color: Red					
.250	.032	FEMALE	FDN-26-250-C	.98	FDNS-26-250-C	.98	
.250	.032	MALE	MDFN-26-250-C	1.03	MDFNS-26-250-C	1.03	
16-14 AWG		Insulation Color: Blue					
.250	.032	FEMALE	FDN-64-250-C	.98	FDNS-64-250-C	.98	
.250	.032	MALE	MDFN-64-250-C	1.03	MDFNS-64-250-C	1.03	

**NYLON FULLY INSULATED
COUPLERS
(Curved Sides)**



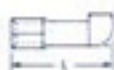
FEMALE



MALE

NEMA TAB		FULLY INSULATED					
WIDTH	THICK.	FEMALE/MALE	NYLON	L	NYLON/SLEEVE	L	
22-18 AWG		Insulation Color: Red					
.187	.020	FEMALE	FDN-26-187-5-C3	.81	FDNS-26-187-5-C3	.81	
.187	.020	MALE	MDFN-26-187-5-C3	.87	MDFNS-26-187-5-C3	.87	
.250	.032	FEMALE	FDN-26-250-C3	.87	FDNS-26-250-C3	.87	
.250	.032	MALE	MDFN-26-250-C3	.95	MDFNS-26-250-C3	.95	
16-14 AWG		Insulation Color: Blue					
.187	.020	FEMALE	FDN-64-187-5-C3	.81	FDNS-64-187-5-C3	.81	
.187	.020	MALE	MDFN-64-187-5-C3	.87	MDFNS-64-187-5-C3	.87	
.250	.032	FEMALE	FDN-64-250-C3	.87	FDNS-64-250-C3	.87	
.250	.032	MALE	MDFN-64-250-C3	.95	MDFNS-64-250-C3	.95	
12-10 AWG		Insulation Color: Yellow					
.250	.032	FEMALE	FDN-20-250-C3	.99	FDNS-20-250-C3	.99	
.250	.032	MALE	MDFN-20-250-C3	1.05	MDFNS-20-250-C3	1.05	

KNIFE DISCONNECTS



NON-INSULATED

INSULATED

NON-INSULATED		L	NYLON INSULATED / SLEEVE		L
22-18 AWG Thickness: .030" Insulation Color: Red					
KD-26		.63	KDNS-26		.90
16-14 AWG Thickness: .030" Insulation Color: Blue					
KD-64		.63	KDNS-64		.90
12-10 AWG Thickness: .040" Insulation Color: Yellow					
KD-20		.94	KDNS-20		1.26

BULLET CONNECTORS



MALE INSULATED

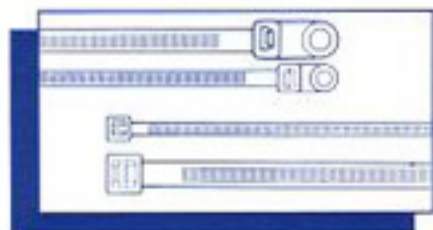
FEMALE FULLY INSULATED

BASIC DIMEN'S		NON-INSULATED		INSULATED MALE		FULLY INSULATED FEMALE	
DIAMETER	M/F	UNBRAZED	L	VINYL	L	NYLON/SLEEVE	L
24-20 AWG Insulation Color: Clear							
.079	M					MBFNS-26-079	1.04
.079	F					FBFNS-26-079	.97
22-18 AWG Insulation Color: Red							
.157	M	MB-26-5	.71	MBV-26-5	.91	MBNS-26-5	.91
.180	M	MB-26-7	.57	MBV-26-7	.41	MBNS-26-7	.41
.157	F	FB-26-5	.71	FBFV-26-5	1.15	FBFNS-26-5	1.15
.180	F	FB-26-7	.57	FBFV-26-7	1.15	FBFNS-26-7	1.15
16-14 AWG Insulation Color: Blue							
.157	M	MB-64-5	.60	MBV-64-5	.91	MBNS-64-5	.91
.180	M	MB-64-7	.55	MBV-64-7	.80	MBNS-64-7	.80
.157	F	FB-64-5	.60	FBFV-64-5	1.15	FBFNS-64-5	1.15
.180	F	FB-64-7	.55	FBFV-64-7	1.15	FBFNS-64-7	1.15
12-10 AWG Insulation Color: Yellow							
.157	M	MB-20-5	.61	MBV-20-5	.94	MBNS-20-5	.94

SECTION 4

Miscellaneous Products

CABLE TIES



GROMMETS



MOUNTS



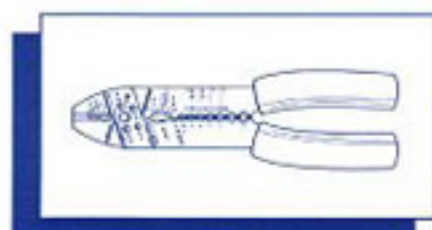
TUBING



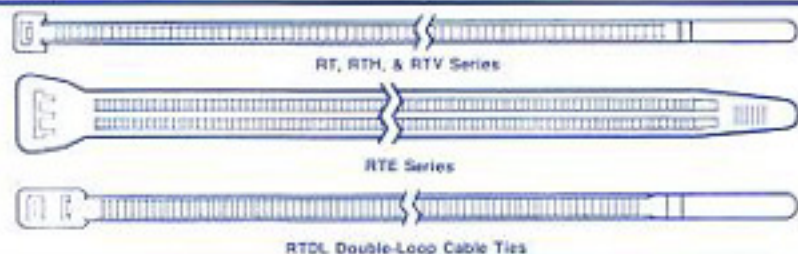
CLAMPS



TOOLS



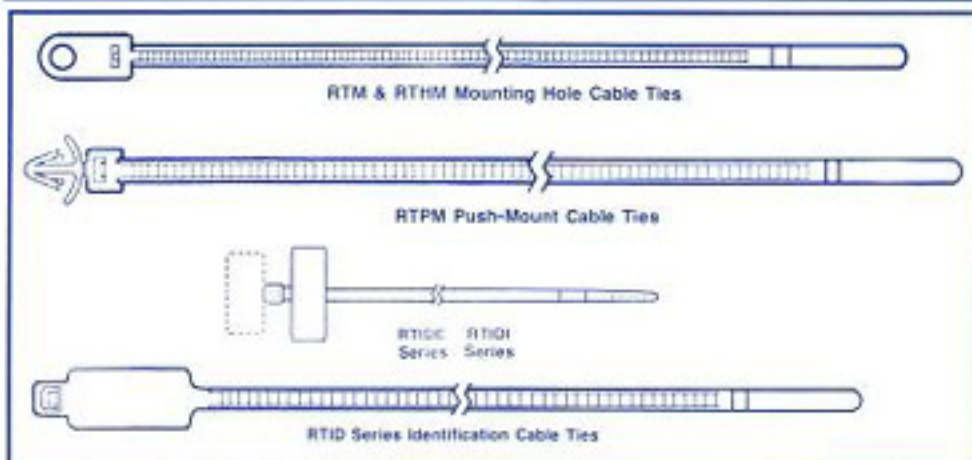
CABLE TIES



PART NUMBER	OVERALL LENGTH (inches)	STRAP WIDTH (inches)	STRAP THICKNESS (inches)	MAXIMUM BUNDLE DIAMETER (inches)	MIN. TENSILE STRENGTH (lbs)	Mil Std 3367
RT Series						
RT-350	3 3/4	.090	.045	3/4	18	-4
RT-360	6	.090	.045	1 1/2	18	
RT-377	7 3/4	.090	.045	2	18	
RT-400	5	.115	.045	1	30	
RT-550	6	.135	.050	1 1/4	40	-5
RT-508	8 1/4	.135	.050	2	40	
RT-511	11 1/2	.135	.050	3	40	
RT-514	14 1/2	.135	.050	4	40	
RT-675	7 1/4	.190	.055	1 3/4	50	-1
RT-1100	11 1/4	.190	.055	3	50	-7
RT-1400	14 1/4	.190	.055	4	50	-2
RTH Series						
RTH-800	8	.310	.083	2	120	
RTH-1400	14 1/2	.310	.083	4	120	
RTH-1700	17 1/2	.310	.083	5	120	
RTH-2100	21 1/2	.310	.083	6	120	
RTH-2800	28	.310	.083	8	120	-6
RTV Series						
RTV-3200	33	.360	.083	10	175	
RTV-4400	45 1/2	.360	.083	14	175	
RTE Series						
RTE-1400	14 7/8	.500	.083	4	250	
RTE-2100	21 5/8	.500	.083	6	250	
RTE-2800	28 3/8	.500	.083	8	250	
RTDL Series						
RTDL-675	7 3/4	.187	.055	1 1/2	50	
RTDL-1100	11 3/4	.187	.055	3	50	
RTDL-1400	14 3/4	.187	.055	4	50	

CABLE TIES

(CONTINUED)









PART NUMBER	OVERALL LENGTH (Inches)	STRAP WIDTH (Inches)	STRAP THICKNESS (Inches)	MAX BUNDLE DIAMETER (Inches)	MIN. TENSILE STRENGTH (lbs)	MOUNTING HOLE SIZE	MIL STD 3368
RTM Series							
RTM-400	5 1/2	.115	.045	1	30	4	
RTM-508	8 1/2	.115	.045	2	30	4	
RTM-550	8 1/2	.135	.050	1 1/4	40	8	
RTM-675	8	.190	.055	1 3/4	50	10	
RTM-1100	12	.190	.055	3	50	10	
RTM-1400	15	.190	.055	4	50	10	
RTHM Series							
RTHM-1400	15	.310	.083	4	120	1/4"	
RTHM-2100	22	.310	.083	6	120	1/4"	
RTHM-2800	29	.310	.083	8	120	1/4"	
RTPM Series							
RTPM-675	8	.190	.055	1 3/4	50	1/4"	PANEL HOLE
RTPM-1100	12	.190	.055	3	50	1/4"	
RTPM-1400	15	.190	.055	4	50	1/4"	
RTID Series							
RTID-675	7 1/2	.187	.055	1 3/4	50		-1
RTID-1100	11 1/2	.187	.055	3	50		
RTID-1400	14 1/2	.187	.055	4	50		-2
RTIDE-350	3 3/4	.092	.045	3/4	18		
RTIDI-350	3 3/4	.092	.045	3/4	18		

BEADED CABLE TIES

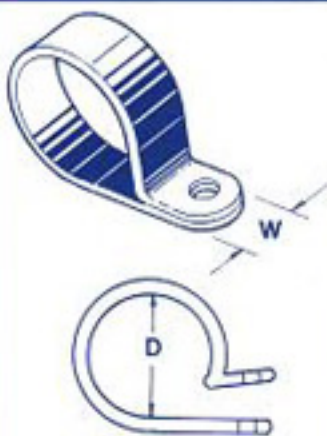


PART NUMBER	MINIMUM LOOP TENSILE STRENGTH (LBS.)	MAX BUNDLE DIAMETER (INCHES)	APPROX LENGTH (INCHES)	BEAD DIAMETER (INCHES)	BEAD SPACING (INCHES)
BT Series					
BT-4PE	10	1 1/8	4 1/4	3/32	1/8
BT-5PE	10	1 3/8	5	3/32	1/8
BT-6PE	18	1 7/8	6 3/4	1/8	1/4
BT-8PE	18	2 1/2	9	1/8	1/4
BT-10PE	18	3	11	1/8	1/4
BT-14PE	18	4	15	1/8	1/4
BT-17PE	18	5	18	1/8	1/4
BTID Series (I.D. Plate is 1/2"x1")					
BTID-10	75	3	10 7/16	1/8	1/4
BTID-14	75	4	14 7/8	1/8	1/4
BTID-17	75	5	17 7/8	1/8	1/4

CABLE TIE MOUNTING BASES

PART NUMBER	BASE DIM'S	SCREW HOLE SIZE	 	
ABM-1	3/4x3/4	2xNo.8	 	
ABM-2	1x1	1xNo.8		
ABM-4	1 1/8 x1 1/8	1xNo.8		
ABMM-4	3/4x3/4	None		
SM-10	5/8x7/8	1xNo.10	 	
SM-25	5/8x7/8	1x1/4"		
SM-68	3/8x5/8	1xNo.8		
PM-1	5/16x9/16	1/4"		

MOLDED NYLON CLAMPS



Stock No.	W (in's)	D (in's)	Mnt'g Hole (in's)
2-LN	3/8	1/8	.203
3-LN	3/8	3/16	*
4-LN	3/8	1/4	*
5-LN	3/8	5/16	*
6-LN	3/8	3/8	*
7-LN	3/8	7/16	*
8-LN	3/8	1/2	*
9-HN	1/2	9/16	*
10-HN	1/2	5/8	*
11-HN	1/2	11/16	*
12-HN	1/2	3/4	*
13-HN	1/2	13/16	*
14-HN	1/2	7/8	*
16-HN	1/2	1	*
18-HN	1/2	1 1/8	*
19-HN	1/2	1 3/16	*
20-HN	1/2	1 1/4	*
22-HN	1/2	1 3/8	*
24-HN	1/2	1 1/2	*

RUBBER INSULATED METAL CLAMPS



STOCK NUMBER	INSIDE DIA.
RC-3/8	3/8"
RC-1/2	1/2"
RC-5/8	5/8"
RC-3/4	3/4"
RC-7/8	7/8"
RC-1	1"
RC-1-1/4	1 1/4"

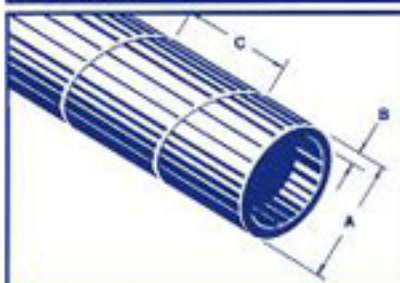
GROMMETS

For 1/16" panel thickness



STOCK NUMBER	INSIDE DIA.	HOLE DIA.
G-1/8	1/8"	1/4"
G-3/16	3/16"	5/16"
G-1/4	1/4"	3/8"
G-5/16	5/16"	7/16"
G-3/8	3/8"	1/2"
G-1/2	1/2"	5/8"
G-5/8	5/8"	7/8"
G-3/4	3/4"	15/16"

SPIRAL CUT TUBING



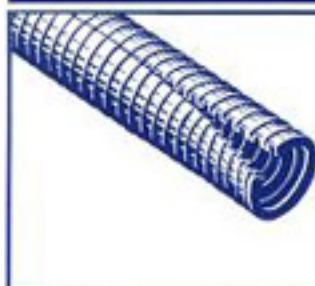
Stock No.	O.D. Nom Dimen. A (Inches)	Thickness Dimen. B (Inches)	Pitch Dia. Dimen. C (Inches)	Diameter Range (Inches)
SWP-1/8	.125	.032	1/16	1/2
SWP-1/4	.250	.045	9/32	2
SWP-3/8	.375	.055	3/8	3
SWP-1/2	.500	.062	1/2	4
SWP-3/4	.750	.065	3/4	6
SWP-1	1.000	.100	7/8	8

IRRADIATED POLYOLEFIN SHRINKABLE TUBING



Stock Number	Size (inches)	MIN. I.D. before shrink (Inches)	Recovered I.D. after shrink (inches)	Recovered Nom. Wall Thickness (inches)
ST-221-3/64	3/64	.046	.023	.016
ST-221-1/16	1/16	.063	.031	.017
ST-221-3/32	3/32	.093	.046	.020
ST-221-1/8	1/8	.125	.062	.020
ST-221-3/16	3/16	.187	.093	.020
ST-221-1/4	1/4	.250	.125	.025
ST-221-3/8	3/8	.375	.187	.025
ST-221-1/2	1/2	.500	.250	.025
ST-221-3/4	3/4	.750	.375	.030
ST-221-1	1	1.000	.500	.035
ST-221-1 1/2	1 1/2	1.500	.750	.040
ST-221-2	2	2.000	1.000	.045
ST-221-3	3	3.000	1.500	.050
ST-221-4	4	4.000	2.000	.055














POLYETHYLENE CONVOLUTED LOOM



STOCK NUMBER	NOMINAL DIMENSIONS	
	INSIDE DIA.	OUTSIDE DIA.
492.250	.250"	.400"
492.350	.350"	.510"
492.413	.413"	.594"
492.500	.500"	.695"
492.625	.625"	.830"
492.750	.750"	.980"
492.100	1.000"	1.270"

STUD SIZE CHART

Diameter
Inches mm

	#0 — .066	1.68
	#2 — .093	2.36
	#4 — .119	3.02
	#6 — .148	3.76
	#8 — .178	4.52
	#10 — .198	5.03
	1/4" — .265	6.73
	5/16" — .312	8.28
	3/8" — .390	9.91
	7/16" — .454	11.53
	1/2" — .518	13.16
	5/8" — .656	16.66
	3/4" — .779	19.79

DECIMAL EQUIVALENT CHART

1/16" .0625	11/32" .34375
1/8" .125	3/8" .375
3/16" .1875	1/2" .5
1/4" .25	5/8" .625
5/16" .3125	3/4" .75
3/8" .375	7/8" .875
7/16" .4375	1" 1.0
1/2" .5	
5/8" .625	
3/4" .75	
7/8" .875	
1" 1.0	
1 1/8" 1.125	
1 1/4" 1.25	
1 3/8" 1.375	
1 1/2" 1.5	
1 5/8" 1.625	
1 3/4" 1.75	
1 7/8" 1.875	
2" 2.0	
2 1/8" 2.125	
2 1/4" 2.25	
2 3/8" 2.375	
2 1/2" 2.5	
2 5/8" 2.625	
2 3/4" 2.75	
2 7/8" 2.875	
3" 3.0	
3 1/8" 3.125	
3 1/4" 3.25	
3 3/8" 3.375	
3 1/2" 3.5	
3 5/8" 3.625	
3 3/4" 3.75	
3 7/8" 3.875	
4" 4.0	
4 1/8" 4.125	
4 1/4" 4.25	
4 3/8" 4.375	
4 1/2" 4.5	
4 5/8" 4.625	
4 3/4" 4.75	
4 7/8" 4.875	
5" 5.0	

WIRE GAGE CONVERSION

AWG	CMA	MM ²
26-24	200 - 320	0.18 - 0.16
26-22	200 - 810	0.18 - 0.41
24-20	320 - 1290	0.16 - 0.65
22-18	508 - 2050	0.38 - 1.04
22-16	508 - 3260	0.38 - 1.65
20-16	1090 - 3260	0.65 - 1.65
18-14	1600 - 5180	0.81 - 2.62
16-14	2050 - 5180	1.04 - 2.62
14-12	3260 - 8230	1.65 - 4.17
12-10	5180 - 13,100	2.62 - 6.64
8	13,100 - 20,800	6.64 - 10.54
6	20,800 - 33,100	10.54 - 16.77
4	33,100 - 52,600	16.77 - 26.55
2	52,600 - 83,700	26.55 - 42.41
10	83,700 - 119,500	42.41 - 60.55
20	119,500 - 150,900	60.55 - 76.26
30	150,900 - 190,000	76.26 - 96.27
40	190,000 - 231,000	96.27 - 117.06
250 MCM	250,000	127
300 MCM	300,000	152
350 MCM	350,000	177
400 MCM	400,000	203
500 MCM	500,000	253

CRIMPING TOOLS

(Partial listing - special application tools available on request)



GENERAL PURPOSE MAINTENANCE TOOL With Cushion Grip Handles

PART NO.	DESCRIPTION
ONL-1000	Insulated & Non-insulated terminals & splices 22-10 AWG



HEAVY DUTY RATCHET TYPE Full Crimp Cycle Tool with Single Crimp Head

PART NO.	DESCRIPTION
H-3A	Insulated terminals 22-10 AWG
H-4A	Non-insulated terminals 22-10 AWG
H-12	Non-insulated flag disconnects 22-14 AWG
H-9	Closed end connectors 22-14 AWG
H-15	Closed end connectors 12-10 AWG
H-18	Closed end connectors 8 AWG



HEAVY DUTY RATCHET TYPE Full Crimp Cycle Tool with Double Crimp Head

PART NO.	DESCRIPTION
H-7B	Insulated terminals 22-14 AWG
H-6E	" " 12-10 AWG
H-8A	" " 26-22 AWG
H-13	" " 22-14 AWG



PNEUMATIC CRIMP TOOL Available with Bench Mount & Foot Pedal Ass'y

PART NO.	DESCRIPTION
H-28	Air Cylinder
H-28-BA	Bench Mount Assembly
H-28 ___	Crimp Heads (see above)

ON-LINE ELECTRONICS, INC.

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949/645-9900 • FAX: 949/645-9991

