



















Heat-Seal Terminals and Splices

22 – 8 AWG


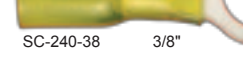




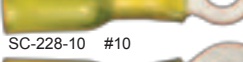
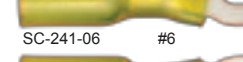

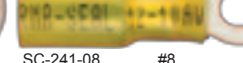
22 – 18 AWG

Part Number	Stud Size	Part Number	Stud Size
 SA-221-06	#6	 SA-226-38	3/8"
 SA-221-08	#8	 SA-235-06	#6
 SA-221-10	#10	 SA-235-08	#8
 SA-222-14	1/4"	 SA-235-10	#10

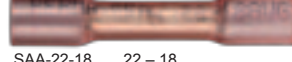


16 – 14 AWG

Part Number	Stud Size	Part Number	Stud Size
 SB-237-06	#6	 SB-218-38	3/8"
 SB-237-08	#8	 SB-227-06	#6
 SB-239-10	#10	 SB-227-08	#8
 SB-225-14	1/4"	 SB-227-10	#10
 SB-225-56	5/16"	 SB-219-10	#10




12 – 10 AWG

Part Number	Stud Size	Part Number	Stud Size
 SC-228-06	#6	 SC-240-38	3/8"
 SC-228-08	#8	 SC-201-12	1/2"
 SC-228-10	#10	 SC-241-06	#6
 SC-230-14	1/4"	 SC-241-08	#8
 SC-230-56	5/16"	 SC-241-10	#10


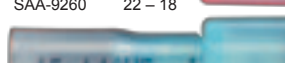
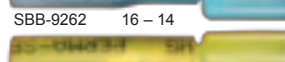
Splices

Part Number	Wire Range
 SAA-22-18	22 – 18
 SBB-16-14	16 – 14
 SC-12-10	12 – 10



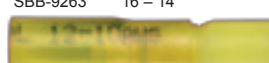
Quick Disconnects

Part Number	Wire Range
 SAA-2140	22 – 18
 SBB-2141	16 – 14
 SC-2143	12 – 10



Male Fully Insulated

Part Number	Wire Range
 SAA-9260	22 – 18
 SBB-9262	16 – 14
 SC-9280	12 – 10





Female Fully Insulated

Part Number	Wire Range
 SAA-9261	22 – 18
 SBB-9263	16 – 14
 SC-9281	12 – 10

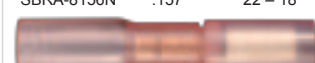
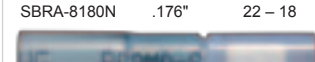
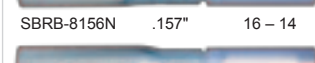
Step Down Butts

Part Number	Step Size
 SBA-631	16 – 14 to 22 – 18
 SCB-646	12 – 10 to 16 – 14

Snap Plugs

Part Number	Stud Size	Wire Range
 SA-259	.176"	22 – 18
 SA-269	.157"	22 – 18
 SB-279	.176"	16 – 14
 SB-289	.157"	16 – 14

Snap Plug Receptacles

Part Number	Stud Size	Wire Range
 SBRA-8156N	.157"	22 – 18
 SBRA-8180N	.176"	22 – 18
 SBRB-8156N	.157"	16 – 14
 SBRB-8180N	.176"	16 – 14

22-10 AWG terminals and splices sold in packages of 100

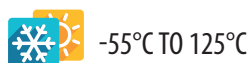
10 piece bubble packs also available. To order, append -10 to the part number. Example: SA-222-06-10

Call for bulk quantities

Premium Clear Color Heat-Seal Terminals and Splices

Clear Color Heat Seal Terminals and Splices provide a rugged, environmentally-sealed connection for wire sizes 8 to 22 AWG.

Insulates, seals, and protects electrical connections from abuse, abrasion, water, salt, and corrosive compounds.



8 AWG

Part Number Stud Size



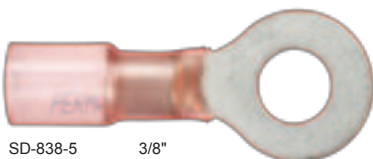
SD-810-5 #10



SD-814-5 1/4"



SD-8516-5 5/16"



SD-838-5 3/8"

8 AWG Splice



Part Number SD-8-5

8 AWG terminals and splices sold in packages of 5

Packages of 100 available

Parts shown approximately actual size

Features

- Heat shrinkable at low temperature
- Shrinks 40% faster than nylon or polyolefin tubing
- Long-lasting, moisture-proof connections
- Withstands water, salt, corrosion, condensation, and heat
- Heat stable. Splices remain supple and impact resistant
- Tough and durable. Resists vibration cuts and abrasions
- Smaller and lighter than most comparable wire splices
- Provides a reliable, impermeable seal on 1:1, 2:1, or 2:2 splices
- Easy to install using standard tools

Product Characteristics

Properly installed, heat seal splices and terminals exceed all pertinent UL, CSA, and MIL Specification requirements. Typical properties of the installed splice and for the shrink tubing alone are shown below.

Typical Properties of Installed Connectors

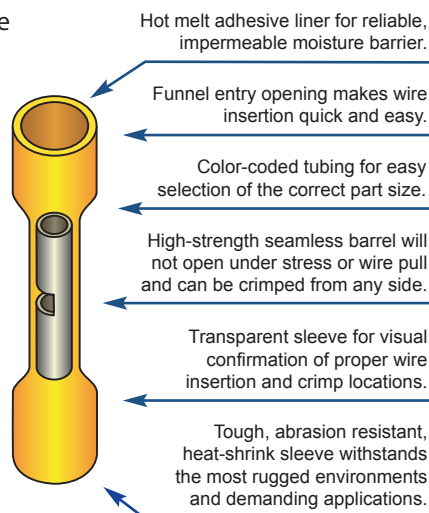
Temperature rating	-55°C to 125°C
Dielectric strength	7.5kv
Voltage drop	Less than equal length of wire
Insulation resistance	106 Megohms
Shrink temperature	90°C
Tensile (pull test) value	Greater than Mil-T-7928 and UL No. 486

Typical Properties of Shrink Tubing

Tensile strength	6000 psi minimum
Ultimate elongation	175%
Longitudinal change	+0-10%
Specific gravity	1.1 maximum
Heat shock (4 hours at 225°C)	No dripping, flowing, or cracking

After Heat Aging 168 Hours at 150°C

Tensile strength	70% of original
Ultimate elongation	100% minimum
Dielectric strength	500volts/mil minimum
Low temperature flexibility (4 hours at -40°C)	No cracking



Applications

- Automotive
- Transportation
- Commercial vehicles
- Marine equipment
- Fountains, pools, spas
- Aerospace
- Defense
- Industrial
- Construction
- Renewable energy



Heat-Seal Terminal Service Kits available
See page 67

Heat-Seal Terminals and Splices

SOLDERLESS CRIMP CONNECTORS

Premium Clear Heat Seal Shrink Connectors



Take the Guesswork Out of Crimping!

Clear Heat Seal Shrink Connectors are designed to provide optimal visual assurance of proper terminal installation and offer visual inspection of the wire condition over the life of the termination.

- -55°C to 105°C
(-67°F to 221°F)
- Rated for 600V



Clear Adhesive Lined Heat Shrink Tubing

- Transparent waterproof insulation allows inspection and visual verification of wire placement and condition
- Crystal clear adhesive ensures a waterproof seal and exceptional optical clarity

Windowed Butt Connectors

- Window allows installer to see that the wire is properly seated and crimped
- Center stop prevents over-insertion
- Seamless barrel ensures superior crimp performance
- Color stripes guide crimp placement and indicate industry standard wire size

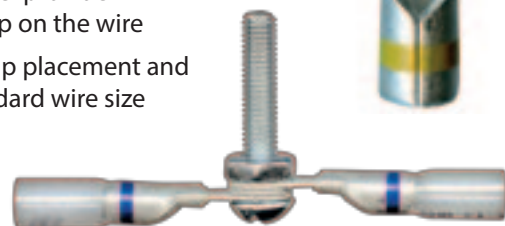


45° Ring Terminals

- 45° angled barrel design assures that wire is ideally seated and crimped, and provides for better tubing adherence and seal
- Longer neck allows ring terminals to stack tightly without tubing interference for maximum contact
- Brazed seam barrel for superior crimp performance
- Serrations in crimp barrel provide a strong mechanical grip on the wire
- Color stripe guides crimp placement and indicates industry standard wire size



-55°C TO 105°C





Butts, Rings, Spades, and Quick Slides

22 – 8 AWG

SOLDERLESS CRIMP CONNECTORS

Butt Connectors – Window with Wire Stop, Seamless Barrel

Part Number	Wire Gauge	Stripe
OB-22-18	22-18 AWG	Red
OB-16-14	16-14 AWG	Blue
OB-12-10	12-10 AWG	Yellow



OB-22-18



OB-16-14



OB-12-10



OSB-18-24



OSB-14-22



OSB-10-16



OSB-8-12

Step-Down Connectors – Window with Wire Stop, Seamless Barrel

Part Number	Wire Gauge	Stripe
OSB-18-24	22-18 AWG to 24-22 AWG	White / Red
OSB-14-22	16-14 AWG to 22-18 AWG	Red / Blue
OSB-10-16	12-10 AWG to 16-14 AWG	Blue / Yellow
OSB-8-12	8 AWG to 12-10 AWG	Yellow / Red



OR-18-06



OR-18-08



OR-18-10



OR-14-06



OR-14-08



OR-14-10



OR-14-14



OR-14-18



OR-14-22



OR-14-26



OR-14-30



OR-14-34



OR-14-38



OR-14-42



OR-14-46



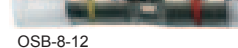
OR-14-50



OR-14-54



OR-14-58



OS-16-06



OS-16-08



OS-16-10



OS-14-06



OS-14-08



OS-14-10



OS-14-14



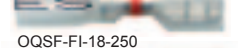
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OS-14-22



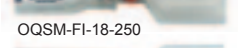
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OS-14-30



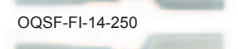
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OS-14-38



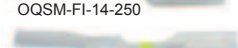
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OS-14-46



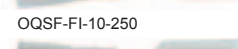
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OS-14-54



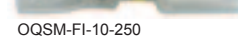
OS-14-58



OS-14-62



OS-14-66



OS-14-70



OS-14-74



OS-14-78



OS-14-82

Ring Terminals – Long Neck, Brazed Seam

Part Number	Wire Gauge	Stripe	Stud Size	Thickness
OR-18-06	22-18 AWG	Red	#6	.032" (.80mm)
OR-18-08	22-18 AWG	Red	#8	.032" (.80mm)
OR-18-10	22-18 AWG	Red	#10	.032" (.80mm)
OR-14-06	16-14 AWG	Blue	#6	.032" (.80mm)
OR-14-08	16-14 AWG	Blue	#8	.032" (.80mm)
OR-14-10	16-14 AWG	Blue	#10	.032" (.80mm)
OR-14-14	16-14 AWG	Blue	1/4"	.032" (.80mm)
OR-14-56	16-14 AWG	Blue	5/16"	.032" (.80mm)
OR-14-38	16-14 AWG	Blue	3/8"	.032" (.80mm)
OR-10-8	12-10 AWG	Yellow	#8	.040" (1.0mm)
OR-10-10	12-10 AWG	Yellow	#10	.040" (1.0mm)
OR-10-14	12-10 AWG	Yellow	1/4"	.040" (1.0mm)
OR-10-56	12-10 AWG	Yellow	5/16"	.040" (1.0mm)
OR-10-38	12-10 AWG	Yellow	3/8"	.040" (1.0mm)

Spade Terminals – Long Neck, Brazed Seam

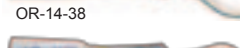
Part Number	Wire Gauge	Stripe	Stud Size	Thickness
OS-16-06	22-18 AWG	Red	#6	.032" (.80mm)
OS-16-10	22-18 AWG	Red	#8 to #10	.032" (.80mm)
OS-14-06	16-14 AWG	Blue	#6	.032" (.80mm)
OS-14-10	16-14 AWG	Blue	#8 to #10	.032" (.80mm)
OS-10-10	12-10 AWG	Yellow	#8 to #10	.032" (.80mm)
OS-10-14	12-10 AWG	Yellow	1/4"	.032" (.80mm)

Slide Connectors – Long Neck, Butted Seam, Grip

Part Number	Wire Gauge	Stripe	Gender	Tab Size	Thickness
OQSF-FI-18-250	22-18 AWG	Red	Female	.250"	.032" (.80mm)
OQSM-FI-18-250	22-18 AWG	Red	Male	.250"	.032" (.80mm)
OQSF-FI-14-250	16-14 AWG	Blue	Female	.250"	.032" (.80mm)
OQSM-FI-14-250	16-14 AWG	Blue	Male	.250"	.032" (.80mm)
OQSF-FI-10-250	12-10 AWG	Yellow	Female	.250"	.032" (.80mm)
OQSM-FI-10-250	12-10 AWG	Yellow	Male	.250"	.032" (.80mm)



OR-14-38



OR-14-42



OR-14-46



OR-14-50



OR-14-54



OR-14-58



OR-14-62



OR-14-66



OR-14-70



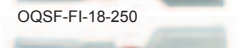
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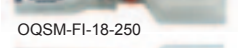
OR-14-78



OR-14-82



OQSF-FI-18-250



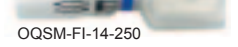
OQSM-FI-18-250



OQSF-FI-14-250



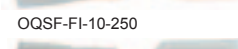
OQSM-FI-14-250



OQSF-FI-10-250



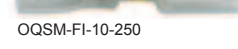
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OQSF-FI-8-250



OQSM-FI-8-250



OQSF-FI-6-250



OQSM-FI-6-250



OQSF-FI-4-250



OQSM-FI-4-250



Crimp and Solder, Closed End and Inline Heat Seal Butts, Crimp Tools

Crimp and Solder Heat Seal Butts

Connectors sold in packages of 100
For 10 pack, append -10 to part number

The **Multilink™ Heat Shrink Connector's** low temperature solder alloy ring delivers a precise amount of flux and solder to the connection during the heat-shrink process. Protects connection from corrosion, contaminants, and current leakage.

- Seamless connector with inspection window and indicators for crimp and window location
- Wire-stop prevents over insertion
- Pre-measured low-temp solder alloy with flux
- Translucent adhesive-lined polyolefin tubing is color-coded with wire gauge imprint



Standard

Part Number AWG Color

HS-CS-22 24 – 22 Clear

HS-CS-18 20 – 18 Red

HS-CS-14 16 – 14 Blue

HS-CS-10 12 – 10 Yellow

Stepdown

Part Number AWG Color

HS-SS-20 24 – 18 Red

HS-SS-16 20 – 14 Blue

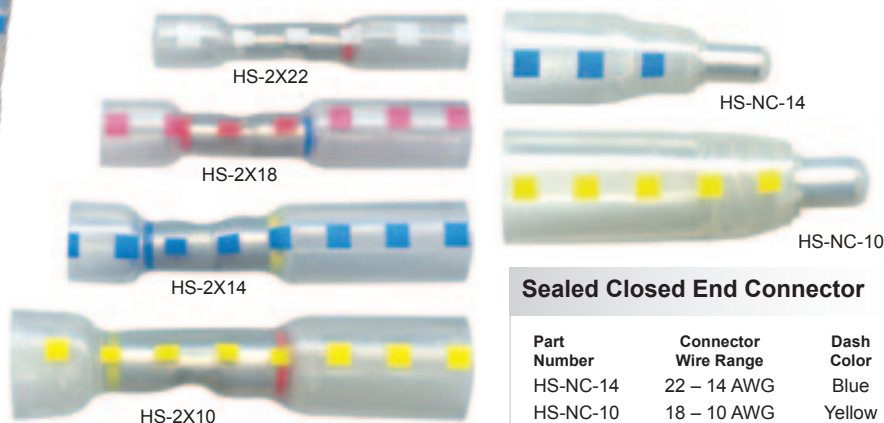
HS-SS-14 16 – 10 Yellow

HS-SS-10 12 – 8 Red

Parts shown approximately actual size

Heat Seal Closed End and Inline Butt Connectors

HydraLink™ Heat Shrink Connectors have an active adhesive that seals and secures multiple wires, eliminating pull out. The **Closed End Connector** accepts up to four wires and is an excellent wire nut replacement. Closed ends can replace spring connectors in environments where corrosion is a problem. The **In-Line Butt Connector** splices multiple wires, shrinking and sealing for superior durability and protection. Color dashes indicate wire gauge.



Sealed Closed End Connector

Part Number	Connector Wire Range	Dash Color
HS-NC-14	22 – 14 AWG	Blue
HS-NC-10	18 – 10 AWG	Yellow

Sealed In-Line Butt Connector

				SMALL END				LARGE END			
Part Number	AWG	Dash	Stripe	Accepts	Use Insulated Crimp Die	Stripe	Accepts	Accepts	Use Insulated Crimp Die	Stripe	Accepts
HS-2X22	24 – 22	White	White	One 24 – 22 AWG	White (24 – 22 AWG)	Red	Two 24 – 22 AWG	Red (20 – 18 AWG)	Red (20 – 18 AWG)	Red	Two 24 – 22 AWG
HS-2X18	20 – 18	Red	Red	One 20 – 18 AWG	Red (20 – 18 AWG)	Blue	Two 20 – 18 AWG	Blue (16 – 14 AWG)	Blue (16 – 14 AWG)	Blue	Two 20 – 18 AWG
HS-2X14	16 – 14	Blue	Blue	One 16 – 14 AWG	Blue (16 – 14 AWG)	Yellow	Two 16 – 14 AWG	Yellow (12 – 10 AWG)	Yellow (12 – 10 AWG)	Yellow	Two 16 – 14 AWG
HS-2X10	12 – 10	Yellow	Yellow	One 12 – 10 AWG	Yellow (12 – 10 AWG)	Red	Two 12 – 10 AWG	Red (8 AWG)	Red (8 AWG)	Red	Two 12 – 10 AWG

HS-NC-14 Connector Capacity

22 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
22 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
20 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
20 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
18 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
18 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

HS-NC-10 Connector Capacity

18 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
18 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
16 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
14 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
12 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10 STR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
10 SOL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22

A dot at an intersection shows that the connector accepts the size, type, and quantity combination indicated. Example: An HS-NC-10 connector will take one 12 AWG and three 18 AWG stranded wires

EK50ML Micro Crimping Tool

The battery powered **EK50ML Micro Crimping Tool** combines the benefits of manual crimping tools with the convenience of battery-powered hydraulic tools. This lightweight tool delivers 3,400 pounds of crimping force and crimps 65 percent faster with 90 percent less hand force compared to ratcheting tools, ideal for high volume, time critical jobs.

The EK50ML crimps 28 – 4 AWG wire using a patented trigger which holds the work in the jaws of the tool before crimping. Powered by a compact 10.8V Lithium-Ion battery, the EK50ML Micro Crimping Tool can perform 250 crimps to 10 AWG wire on a single charge. The tool monitors amp draw for each crimp and provides a visual alert if a crimp does not complete a full cycle.

- Includes 2 die sets to crimp 22-10 AWG heat shrink terminals and nylon insulated terminals; other die sets sold separately
- Crimps three times faster with 90% less force using one finger
- Reduces hand force from 53 pounds to 6 pounds
- 65% faster crimping than ratcheting tools (1.2 vs 3.5 seconds)
- When crimping is complete, simply release the trigger to open the jaws for the next crimp
- Overmolded tacky grip for maximum comfort and security
- Multifunction LED for maintenance display and data transfer via optional interface and USB adapter
- LED work light for use in dark areas
- LED battery level indicator monitors charge
- Weighs just 2.2 lbs with battery
- 12mm Jaw



Crimps 22-10 AWG heat shrink terminals



Crimps 22-10 AWG nylon insulated terminals



Many more dies available — Contact us!



Part Number EK50ML

Includes micro crimper, 10.8V Li-ion battery, charger, two die sets, and case

Molex® ServiceGrade™ Ratchet Hand Crimper

Ratchet Hand Crimper crimps heat shrink terminals 22 to 10 AWG (rings, /s, hooks, 3 and 4 ways, and splices).

- Full cycling ensures complete crimps
- Small handle spread is ideal for all users
- Crimp release for operator safety

Part Number RHT-5770



IlSCO® Compound Action Crimper

Compound Action Controlled Crimper is specifically designed for heat shrink style terminals. Elliptical nest for crimping insulated terminals.

- Wire range 22 to 10 AWG
- Weight: 12.4 oz. Length: 9 1/8"



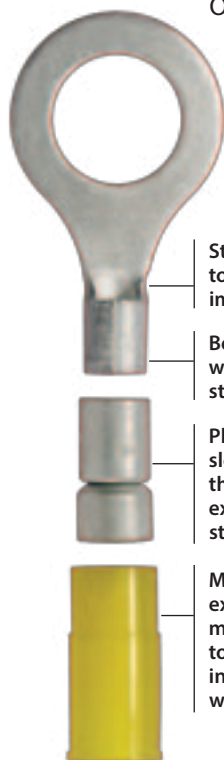
Part Number 94130

Nylon Insulated Terminals

With tin plated brass support sleeve

SOLDERLESS CRIMP CONNECTORS

Made from pure electrolytic copper, **Nylon Insulated Terminals** are typically thicker and stronger than competitive heavy-duty terminals.



Open end design for fast inspection.

Annealed and tin plated for best conductivity and protection from corrosion.

Sturdy gussets reinforce tongue, deep V-notches improve wire grip

Beveled chamfer eases wire entry, eliminates strand turnback

Plated brass support sleeve extends beyond the inner barrel for extra strength and strain relief

Molded nylon sleeve extends beyond the metal support sleeve to ensure complete insulation between wire and terminal

Standards

- Exceeds MIL-T-7928 corrosion standards (Method 101 of MIL-STD-202 for 100 hours)
- Withstands and exceeds required millivolt-drop readings after vibration testing per MIL-T-7928
- Exceeds tensile performance specifications compared to UL and Military standards and maximum wire strength data (ASTM designation B-58)

Sold in packages of 100
25 piece bubble packs and bulk quantities also available

22 – 18 AWG

Part Number Stud Size

NR-18-4 #2 – #4

NR-18-6 #4 – #6

NR-18-8 #6 – #8

NR-18-10 #8 – #10

NR-18-14 1/4"

NR-18-56 5/16"

NR-18-38 3/8"

NSS-18-6 #4 – #6

NSS-18-8 #6 – #8

NSS-18-10 #8 – #10

NB-18 Standard

NB-18-4 Long

NBW-18 Window

16 – 14 AWG

Part Number Stud Size

NR-14-4 #2 – #4

NR-14-6 #4 – #6

NR-14-8 #6 – #8

NR-14-10 #8 – #10

NR-14-14 1/4"

NR-14-38 3/8"

NSS-14-6 #4 – #6

NSS-14-8 #6 – #8

NSS-14-10 #8 – #10

NB-14 Standard

NB-14-4 Long

NBW-14 Window

12 – 10 AWG

Part Number Stud Size

NR-10-6 #4 – #6

NR-10-6-2 #4 – #6

NR-10-8 #6 – #8

NR-10-8-2 #6 – #8

NR-10-10 #8 – #10

NR-10-14 1/4"

NR-10-56-2 5/16"

NR-10-38 3/8"

NSS-10-6 #4 – #6

NSS-10-8 #6 – #8

NSS-10-10 #8 – #10

NB-10 Standard

NB-10-4 Long




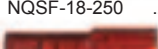
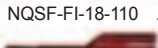
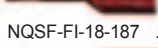
NBW-10 Window

Nylon Insulated Terminal Service Kits available on page 66




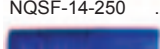
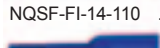
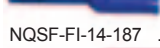


Nylon Insulated Quick Disconnects, Flags, Snap Plugs

Female 22 – 18 AWG


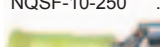
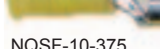
Part Number	Tab Size
 NQSF-18-110	.110" x .020"
 NQSF-18-187	.187" x .020"
 NQSF-18-250	.250" x .032"
 NQSF-FI-18-110	.110" x .020"
 NQSF-FI-18-187	.187" x .020"
 NQSF-FI-18-250	.250" x .032"

Female 16 – 14 AWG


Part Number	Tab Size
 NQSF-14-110	.110" x .020"
 NQSF-14-187	.187" x .020"
 NQSF-14-250	.250" x .032"
 NQSF-FI-14-110	.110" x .020"
 NQSF-FI-14-187	.187" x .020"
 NQSF-FI-14-250	.250" x .032"

Our complete line of Male, Female, and Piggy-Back **Quick Disconnects, Flag Disconnects, and Snap Plugs** are fully insulated and precision engineered. The female terminal precisely fits into the corresponding male housing, resulting in a fully insulated in-line splice that may be connected and disconnected without damage.


Female 12 – 10 AWG

Part Number	Tab Size
 NQSF-10-250	.250" x .032"
 NQSF-10-375	.375" x .032"
 NQSF-FI-10-250	.250" x .032"



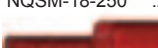
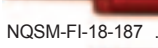
Male 12 – 10 AWG

Part Number	Tab Size
 NQSM-10-250	.250" x .032"



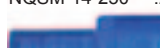

Piggyback 12 – 10 AWG

Part Number	Tab Size
 NST-FI-10-250	.250" x .032"









Male 22 – 18 AWG

Part Number	Tab Size
 NQSM-18-187	.187" x .020"
 NQSM-18-250	.250" x .032"
 NQSM-FI-18-187	.187" x .020"
 NQSM-FI-18-250	.250" x .032"


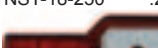
Male 16 – 14 AWG

Part Number	Tab Size
 NQSM-14-187	.187" x .020"
 NQSM-14-250	.250" x .032"
 NQSM-FI-14-187	.187" x .020"
 NQSM-FI-14-250	.250" x .032"


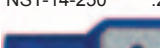
Snap Plugs and Receptacles

Part Number	Diameter	Wire Range	Part Number	Diameter	Wire Range
 NM-18-157	.157"	22 – 18	 NM-14-157	.157"	16 – 14
 NM-18-176	.176"	22 – 18	 NM-14-176	.176"	16 – 14
Part Number	Diameter	Wire Range	Part Number	Diameter	Wire Range
 NF-18-157	.157"	22 – 18	 NF-14-157	.157"	16 – 14
 NF-18-176	.176"	22 – 18	 NF-14-176	.176"	16 – 14




Piggyback 22 – 18 AWG

Part Number	Tab Size
 NST-18-250	.250" x .032"
 NST-FI-18-250	.250" x .032"

Piggyback 16 – 14 AWG

Part Number	Tab Size
 NST-14-250	.250" x .032"
 NST-FI-14-250	.250" x .032"

Flag Disconnects

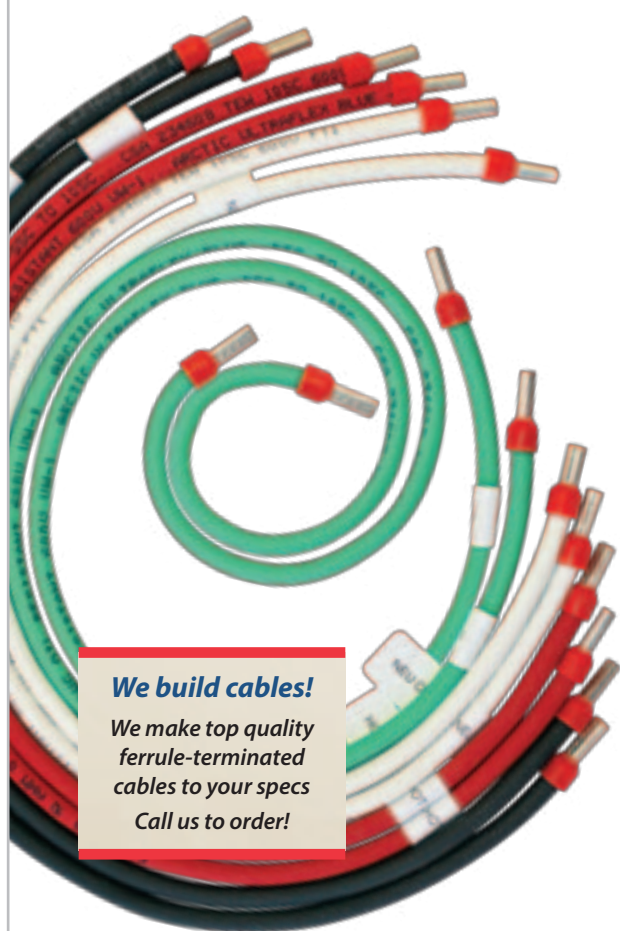
Part Number	Flag-18-N	Flag-14-N	Flag-10-N
  	FLAG-18-N	FLAG-14-N	FLAG-10-N
Tab Size	.250" x .032"	.250" x .032"	.250" x .032"
Wire Range	22 – 18	16 – 14	12 – 10

Parts shown
approximately
actual size

Plated Copper Ferrules Weather Pack Locking Connectors

Tin Plated Copper Ferrules

Ferrules stabilize stripped conductor ends, allowing wires to be repeatedly connected and disconnected without damage to the individual stranding. Insulated ferrules are color coded for wire and size identification.



We build cables!

We make top quality
ferrule-terminated
cables to your specs

Call us to order!

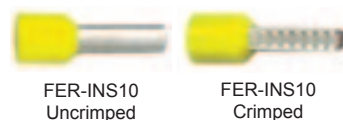
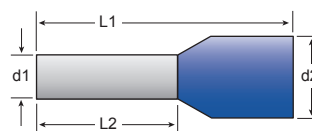
Ferrule Crimp Tools



Insulated Wire Ferrules

Sold in bags of 100

Part Number	AWG	mm2	Color	d1	d2	L1	L2
FER-20INS	20	0.75	white	1.2	2.8	14	8
FER-18INS	18	1.0	red	1.4	3.0	14	8
FER-16INS	16	1.5	black	1.7	3.5	14	8
FER-14INS	14	2.5	blue	2.2	4.2	15	8
FER-12INS	12	4.0	gray	2.8	4.8	18	10
FER-10INS	10	6.0	yellow	3.5	6.3	20	12
FER-8INS	8	10.0	red	4.5	7.6	22	12
FER-6INS	6	16.0	blue	5.8	8.8	22	12
FER-2INS	2	35.0	beige	8.3	12.4	30	16



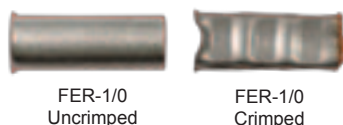
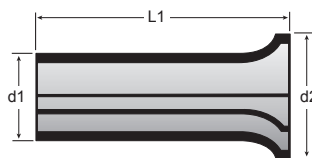
FER-INS10
Uncrimped

FER-INS10
Crimped

Uninsulated Wire Ferrules

Sold individually

Part Number	AWG	mm2	d1	d2	L1
FER-8	8	10.0	4.5	5.8	12
FER-6	6	16.0	5.8	7.5	12
FER-4	4	25.0	7.3	9.5	15
FER-2	2	35.0	8.3	11.0	18
FER-1/0	1/0	50.0	10.3	13.0	32
FER-2/0	2/0	70.0	12.5	15.0	32
FER-3/0	3/0	95.0	14.5	17.0	32
FER-4/0	4/0	120.0	17.2	19.0	32
FER-250	250 MCM	150.0	19.5	21.0	32
FER-500	500 MCM	240.0	23.0	25.0	40



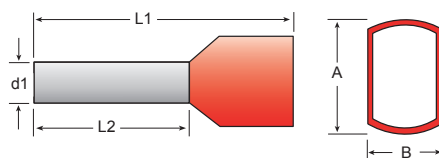
FER-1/0
Uncrimped

FER-1/0
Crimped

Twin Wire Ferrules

Sold in bags of 100

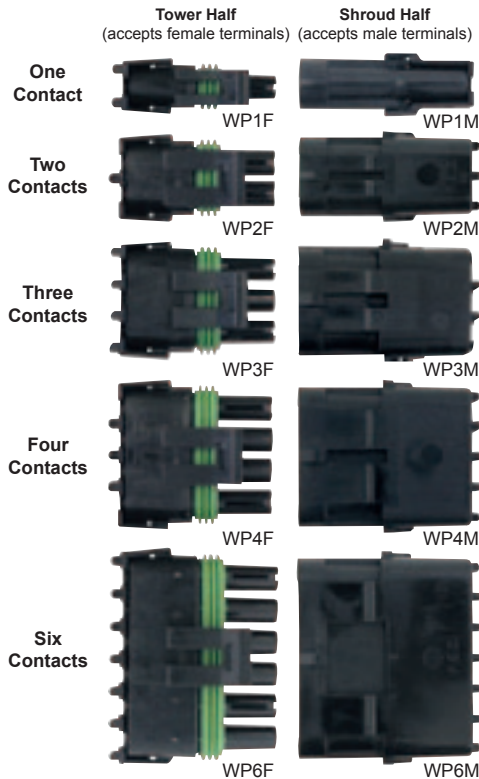
Part Number	AWG	mm2	Color	d1	A/B	L1	L2
FER-22TWIN	2x22	0.5	white	1.4	5.0/3.0	15	8
FER-20TWIN	2x20	0.75	gray	1.7	5.5/3.0	15	8
FER-18TWIN	2x18	1.0	red	2.0	5.8/3.2	15	8
FER-16TWIN	2x16	1.5	black	2.2	6.5-3.6	16	8
FER-14TWIN	2x14	2.5	blue	2.8	8.0/4.5	19	10
FER-12TWIN	2x12	4.0	gray	3.5	9.0/5.2	22	12
FER-10TWIN	2x10	6.0	yellow	4.5	11.4/6.2	23	12
FER-6TWIN	2x6	16.0	blue	8.3	17.2/9.5	29	16



Call for more ferrule sizes and styles

**Ferrules Service Kits
available — page 68**

Weather Pack Locking Connectors







Weather Pack Locking Connectors seal out moisture and dirt. These one to six contact nylon connectors are rated -40°C to 125°C (-40°F to 257°F), up to 16 volts DC and 20 amps. Hinge lock assembly. Self-lubricating silicone body seal reduces engagement force. Silicone cable seals must be used with the tinned brass terminals, cavity plugs fill unused pin locations. Terminals and seals sold in quantities of 100.

Cable Seals and Plugs

	Part Number	AWG
	WP2224S	22-24
	WP2018S	20-18
	WP1614S	16-14
	WP12S	12
	Part Number WP-PLUG	

Male Terminals

Use with Shroud Half	
Part Number	AWG
 WP2224M	22-24
 WP2018M	20-18
 WP1614M	16-14
 WP12M	12

Female Terminals

Use with Tower Half	
Part Number	AWG
	22-24
WP2224F	22-24
	20-18
WP2018F	20-18
	16-14
WP1614F	16-14
	12
WP12F	12



Weather Pack Service Kit
available on page 68



-40°F TO 257°F

Wired Weather Pack Pigtails

Save labor, time and tool costs with **Arctic Ultraflex Blue®** wired **Weather Pack Pigtails**.

Quality Weather Pack connectors are securely crimped and sealed in ready-to-use male-to-female configurations of one to six contacts. 18, 16, 14, and 12 wire gauge. 12" overall length.

Custom lengths available

One Contact		Two Contacts		Three Contacts		Four Contacts		Six Contacts	
Part Number	AWG	Part Number	AWG	Part Number	AWG	Part Number	AWG	Part Number	AWG
WP18-1	18	WP18-2	18	WP18-3	18	WP18-4	18	WP18-6	18
WP16-1	16	WP16-2	16	WP16-3	16	WP16-4	16	WP16-6	16
WP14-1	14	WP14-2	14	WP14-3	14	WP14-4	14	WP14-6	14
WP12-1	12	WP12-2	12	WP12-3	12	WP12-4	12	WP12-6	12

Weather Pack Tools

Crimp Tool crimps and seals 20 to 14 gauge terminals in one operation. Ratchet assembly assures a perfect crimp. **Part Number WP402**



Economy Crimp Tool crimps 20 to 12 gauges in two steps, one for terminal and one for seal. **Part Number WP-CRIMP**



Pin Extraction Tool removes male or female terminals. **Part Number WP-EXTRACT**

