

TYPES YSV / YRV-L

HYREDUCER™



The HYREDUCER™ is a connector for splicing two different size wires. The larger conductor is inserted first and butts against the center of the connector where the smaller barrel begins. Constructed of pure electrolytic copper tubing for maximum conductivity, tin plated to resist corrosion, the HYREDUCER™ accommodates a wide range of cable sizes.

Dimensional information may be found in Table 1.
Table 2 is a comprehensive tooling index for these connectors.

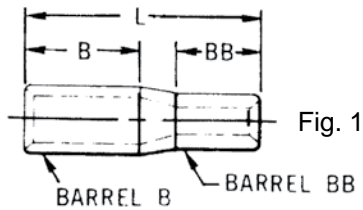


Fig. 1

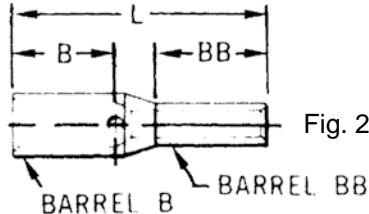


Fig. 2

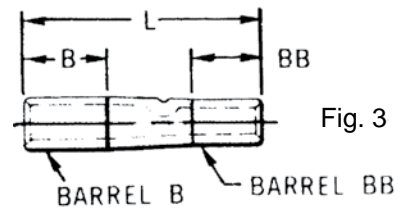


Fig. 3

Catalog Number	Wire Range AWG, AN, Aircraft	Fig. No.	B Barrel*			BB Barrel*			L Max.
			Wire Size	B Dim.	Tool Index	Wire Size	BB Dim.	Tool Index	
YSV1418	22 - 14	1	20 - 14	0.27	1	22 - 18	0.27	2	0.60
YSV1214G1	16 - 12	2	12	0.31	4	16 - 14	0.27	1	0.81
YSV1014G2	20 - 10	2	12 - 10	0.31	4	20 - 14	0.27	1	0.77
YRV8CV14L	20 - 8	3	8	0.44	5	20 - 14	0.39	1	1.16
YRV8CV10L	12 - 8	3	8	0.44	5	12 - 10	0.53	4	1.15
YRV6CV10L	12 - 6	3	6	0.50	6	12 - 10	0.53	4	1.25
YRV6CV8CL	8 - 6	3	6	0.50	6	8	0.53	5	1.18
YRV4CV6CL	6 - 4	3	4	0.50	7	6	0.54	6	1.24
YRV2CV6CL	6 - 2	3	2	0.62	8	6	0.51	6	1.60

* B and BB dimensions are wire strip lengths.

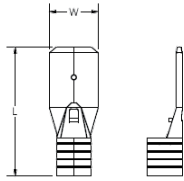
TOOL INDEX

Index Number	Hand Tools	Tools With Dies	
		Y29 Series	
1	MR8G98	—	
2	Y8MRB1	—	
	MR89Q†	—	
4	MR20	—	
5	Y8MRB1 MY28 MR4C Y1MRTC	Nest	Indentor
		DV8L1*	Y29PL
6	MY28 MR4C Y1MRTC	DV6L	Y29PL
7	MY28 MR4C Y1MRTC	DV4L	Y29PL
8	Y1MRTC MY28	DV2L	Y29PL

* For aircraft applications (flexible cables).

TYPE Q-M

FINGRIP™ Non-Insulated Male Quick Disconnects



Non insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

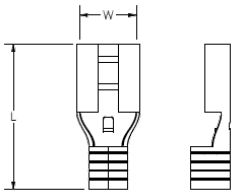
Features & Benefits

- Butted seam
- Chamfered barrel opening for quick and easy wire insertion
- Mates with dimpled female socket detent for a firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
Q18M11X02D	18 - 22	0.110 X 0.020	0.66	0.110	MRE1022B MR20 Y10D Y1022	3/8"	—
Q18M18X02D		0.187 X 0.020	0.66	0.187			Q18M18X02B
Q18M25X03D		0.250 X 0.032	0.66	0.250			Q18M25X03B
Q14M18X02D	14 - 16	0.187 X 0.020	0.66	0.187			Q14M18X02B
Q14M25X03D		0.250 X 0.032	0.66	0.250			Q14M25X03B
Q10M25X03D	12 - 10	0.250 X 0.032	0.66	0.250			—

TYPE Q-F

FINGRIP™ Non-Insulated Female Quick Disconnects



Non-insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which slides onto a male-type blade.

Features & Benefits

- Butted seam
- Chamfered barrel opening for quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

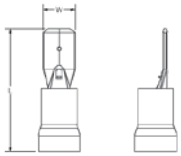
Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tooling	Wire Strip Length	Bulk Catalog Number
Q18F11X02D	18 - 22	0.110 x 0.020	0.66	0.110	MRE1022B Y10D MR20	3/8"	—
Q18F18X02D		0.187 x 0.020		0.187			Q18F18X02B
Q18F25X03D		0.250 x 0.032		0.250			Q18F25X03B
Q14F11X02D	14 - 16	0.110 x 0.020		0.110			Q14F11X02B
Q14F18X02D		0.187 x 0.020		0.187			Q14F18X02B
Q14F25X03D		0.250 x 0.032		0.250			Q14F25X03B
Q10F11X02D	12 - 10	0.110 x 0.020	0.110	—			
Q10F18X02D		0.187 x 0.020	0.187	—			
Q10F25X03D		0.250 X 0.032	0.250	Q10F25X03B			

Small Terminals

Vinyl Insulated Tin-Plated Brass Male / Female
Compression Quick Disconnects

TYPE QP-M

FINGRIP™ Vinyl Insulated
Male Quick Disconnects



600 Volts Max., 105° C Max.

Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

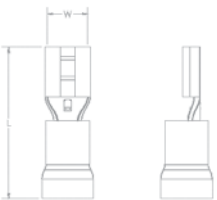
Features & Benefits

- Butted seam
- Funnel entry barrel opening for quick and easy wire insertion
- Mates with dimpled female socket detent for a firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
QP18M11X02D	18 - 22	0.11 X 0.02	0.76	0.11	MRE1022NV Y1022 Y10D	3/8"	—
QP18M18X02D		0.19 X 0.02	0.76	0.19			QP18M18X02B
QP18M25X03D		0.25 X 0.03	0.84	0.25			QP18M25X03B
QP14M11X02D	14 - 16	0.11 X 0.02	0.76	0.11	MRE1022NV Y1022 Y10D	3/8"	—
QP14M18X02D		0.19 X 0.02	0.76	0.19			QP14M18X02B
QP14M25X03D		0.25 X 0.03	0.84	0.25			QP14M25X03B
QP10M25X03D	12 - 10	0.25 X 0.03	0.93	0.25	MRE1022NV Y1022 Y10D	3/8"	—

TYPE QP-F

FINGRIP™ Vinyl Insulated
Female Quick Disconnects



600 Volts Max., 105° C Max.

Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which slides onto a male-type blade.

Features & Benefits

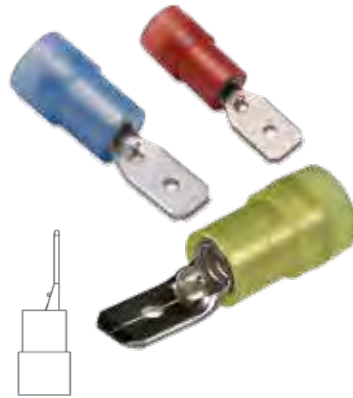
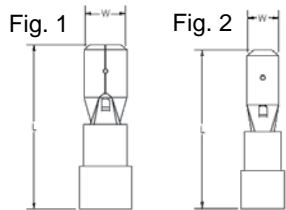
- Butted seam
- Insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening for quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Bulk Catalog Number	Installation Tool	Wire Strip Length
QP18F11X02D	16 - 22	0.11 X 0.02	0.75	0.11	—	MRE1022NV Y10D	3/8"
QP18F18X02D		0.19 X 0.02	0.79	0.22	QP18F18X02B		
QP18F25X03D		0.25 X 0.03	0.87	0.29	QP18F25X03B		
QP14F11X02D	14 - 16	0.11 X 0.02	0.75	0.11	—	MRE1022NV Y10D	3/8"
QP14F18X02D		0.19 X 0.02	0.79	0.23	QP14F18X02B		
QP14F25X03D		0.25 X 0.03	0.87	0.29	QP14F25X03B		
QP10F18X02D*	10 - 12	0.19 X 0.02	0.98	0.29	QP10F18X02B	MRE1022NV Y10D	3/8"
QP10F25X03D		0.25 X 0.03	0.98	0.29	QP10F25X03B		
QP10F38X05D*		0.38 X 0.05	1.12	0.39	—		

* Not cULus.

TYPE QN-M

FINGRIP™ Nylon Insulated Male Quick Disconnects



300 Volts Max., 105° C Max.

Nylon insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type blade which slides into a female-type receptacle.

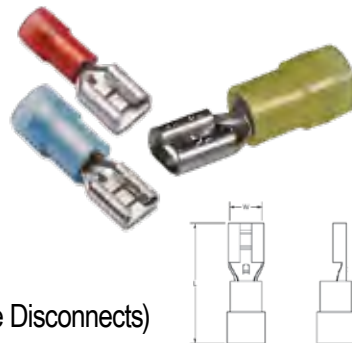
Features & Benefits

- Sleeved barrel
- Funnel entry barrel opening assures quick and easy wire insertion
- Mates with dimpled female socket detent ensuring firm grip

Catalog Number	Figure Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
QN18M18X02D	2	18 - 22	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	QN18M18X02B
QN18M25X03D	1		0.25 X 0.03	0.87	0.25			QN18M25X03B
QN14M18X02D	2	14 - 16	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	QN14M18X02B
QN14M25X03D	1		0.25 X 0.03	0.87	0.25			QN14M25X03B
QN10M25X03D	1	12 - 10	0.25 X 0.03	0.95	0.25	MRE1022NV Y10D Y1022	3/8"	—

TYPE QN-F

FINGRIP™ Nylon Insulated Female Quick Disconnects



300 Volts Max., 105° C Max.

Nylon insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which slides onto a male-type blade.

Features & Benefits

- Sleeved barrel
- Insulated connector eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensures firm grip

(Mates with Type QN-M Male Disconnects)

Standard Catalog Number	Std. Pkg. Qty.	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number	Bulk. Pkg. Qty.
QN18F11X02D	100	18 - 22	0.11 X 0.02	0.77	0.11	MRE1022NV Y10D Y1022	3/8"	QN18F11X02B	1000
QN18F18X02D			0.19 X 0.02	0.79	0.19			QN18F18X02B	
QN18F25X03D			0.25 X 0.03	0.87	0.25			QN18F25X03B	
QN14F11X02D	100	14 - 16	0.11 X 0.02	0.77	0.11	MRE1022NV Y10D Y1022	3/8"	QN14F11X02B	1000
QN14F18X02D			0.19 X 0.02	0.79	0.19			QN14F18X02B	
QN14F25X03D			0.25 X 0.03	0.87	0.25			QN14F25X03B	
QN10F18X02D*	50	12 - 10	0.19 X 0.02	0.87	0.19	MRE1022NV Y10D Y1022	3/8"	QN10F18X02B*	1000
QN10F25X03D			0.25 X 0.03	0.95	0.25			QN10F25X03B	

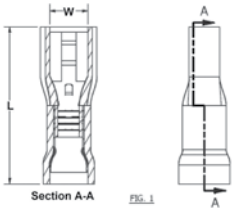
* Not cULus.

Small Terminals

Vinyl Fully Insulated Tin-Plated Brass Female Quick Disconnects /
Nylon Fully Insulated Tin-Plated Brass Male Quick Disconnects

TYPE FQP-F

FINGRIP™ Vinyl Fully Insulated Female Quick Disconnects



600 Volts Max., 105° C Max.

Vinyl insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto a male-type blade.

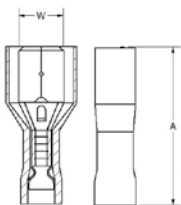
Features & Benefits

- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensuring firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQP18F11X03D	18 - 22	0.11 X 0.03	0.79	0.11	MRE1022NV Y1022	3/8"
FQP18F18X02D		0.19 X 0.02	0.80	0.19		
FQP18F25X03D		0.25 X 0.03	0.90	0.25		
FQP14F11X03D	14 - 16	0.11 X 0.03	0.79	0.11	MRE1022NV Y1022	3/8"
FQP14F18X02D		0.19 X 0.02	0.80	0.19		
FQP14F25X03D		0.25 X 0.03	0.90	0.25		
FQP10F25X03D	10 - 12	0.25 X 0.03	0.97	0.25	MRE1022NV Y1022	3/8"

TYPE FQN-M

FINGRIP™ Nylon Fully Insulated Male Quick Disconnects



600 Volts Max., 105° C Max.

Nylon fully insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a male-type receptacle which slides into a female-type receptacle.

Features & Benefits

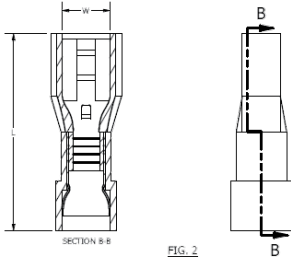
- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensuring firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
FQN18M18X02D*	18 - 22	0.19 X 0.02	0.88	0.19	MRE1022NV Y10D Y1022	3/8"	—
FQN18M25X03D	18 - 22	0.25 X 0.03	0.80	0.25			FQN18M25X03B
FQN14M18X02D*	14 - 16	0.19 X 0.02	0.80	0.19	MRE1022NV Y10D Y1022	3/8"	—
FQN14M25X03D	14 - 16	0.25 X 0.03	0.88	0.25			FQN14M25X03B
FQN10M25X03D	10 - 12	0.25 X 0.03	0.96	0.25	MRE1022NV	3/8"	FQN10M25X03B

* Not cULus.

TYPE FQN-F

FINGRIP™ Nylon Fully Insulated Female Quick Disconnects



Tin Plated Brass; 300 Volts Max., 105° C Max.

Fully insulated quick disconnects allow for quickly connecting or disconnecting a terminal. The front end of the terminal has a female-type receptacle which allows the terminal to slide onto and off a male-type blade.

Features & Benefits

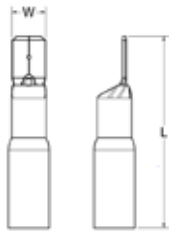
- Fully insulated connectors eliminate the need for post installation insulation
- Funnel entry barrel opening for quick and easy wire insertion
- Dimpled female socket detent for a firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
FQN18F25X03D	18 - 22	.250 X .032	.90	.250	MRE1022NV Y10D Y1022	3/8"
FQN14F18X02D*	14 - 16	.187 x .020	.90	.187	MRE1022NV Y10D Y1022	3/8"
FQN14F25X03D	14 - 16	.250 X .032	.90	.250		
FQN10F25X03D	10 - 12	.250 X .032	.98	.250	MRE1022NV Y10D Y1022	3/8"

* Not cULus.

TYPE YHSQ-M

HYDENT™ Heat Shrink Insulated Male Quick Disconnects



For Copper Conductor; -55° through 110°C

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

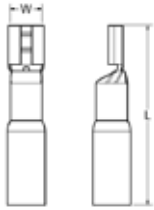
Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	NEMA Tab Size	Dimensions		Installation Tooling	Wire Strip Length
				W	L		
YHSQ18M25X03	YHSQ18M25X03RK	22-18 AWG	0.250 X 0.032	0.25	1.25	MR22	5/16"
YHSQ14M25X03	YHSQ14M25X03RK	16-14 AWG	0.250 X 0.032	0.25	1.25	MR22	5/16"
YHSQ10M25X03	YHSQ10M25X03RK	12-10 AWG	0.250 X 0.032	0.25	1.19	MR22	5/16"

TYPE YHSQ-F

HYDENT™ Heat Shrink Insulated Female Quick Disconnects



Tin Plated Brass; -55° through 110°C

Standard crimp terminals leave the wire exposed allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

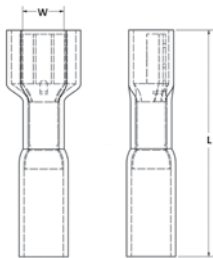
Features & Benefits

- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	Tab Size	Dimensions		Installation Tooling	Wire Strip Length
				W	L		
YHSQ18F11X02D	—	22-18 AWG	0.110 X 0.020	0.16	1.28	MR22	5/16"
YHSQ18F18X02D	—		0.187 X 0.020	0.23	1.28		
YHSQ18F25X03	YHSQ18F25X03RK		0.250 X 0.032	0.30	1.27		
YHSQ14F11X02D	—	16-14 AWG	0.110 X 0.020	0.16	1.28	MR22	5/16"
YHSQ14F18X02D	—		0.187 X 0.020	0.23	1.28		
YHSQ14F25X03	YHSQ14F25X03RK		0.250 X 0.032	0.30	1.27		
YHSQ10F25X03	YHSQ10F25X03RK	12-10 AWG	0.250 X 0.032	0.30	1.27	MR22	5/16"

TYPE YHSFQ-F

HYDENT™ Fully Insulated Female Quick Disconnects



Tin Plated Brass; -55° through 110°C

Standard crimp terminals leave the wire exposed, allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

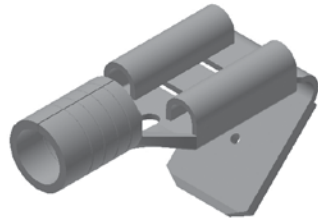
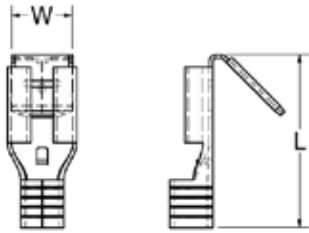
Features & Benefits

- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

Catalog No. (100/bag)	Catalog No. (20/bag)	Conductor Size	NEMA Tab Size	Dimensions		Installation Tooling	Wire Strip Length
				W	L		
YHSFQ18F25X03	YHSFQ18F25X03RK	22-18 AWG	0.250 X 0.032	0.38	1.28	MR22	5/16"
YHSFQ14F25X03	YHSFQ14F25X03RK	16-14 AWG	0.250 X 0.032	0.38	1.28	MR22	5/16"
YHSFQ10F25X03	YHSFQ10F25X03RK	12-10 AWG	0.250 X 0.032	0.38	1.34	MR22	5/16"

TYPE PG

Male / Female Combination Quick Disconnects



Tin-plated brass piggy-back connectors are designed to allow for additional terminals to be connected.

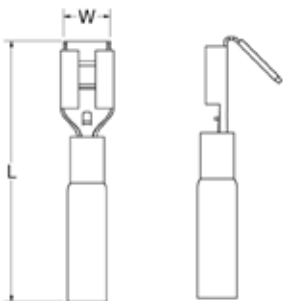
Features & Benefits

- Sleeved barrel
- Combination connector allows for more than one connection to a circuit
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
PG1825X03D	22 - 18 AWG	0.250 X 0.032	0.79	0.25	MRE1022B, Y10D, Y1022	3/8"
PG1425X03D	16 - 14 AWG	0.250 X 0.032	0.79	0.25	MRE1022B, Y10D, Y1022	3/8"
PG1025X03D	12 - 10 AWG	0.250 X 0.032	0.89	0.25	MRE1022B, Y10D, Y1022	3/8"

TYPE PGHS

Heat Shrink Insulated Male / Female Combination Quick Disconnects



For Copper Conductor; -55° through 110°C

Standard crimp terminals leave the wire exposed, allowing in moisture or other contaminants which can result in corrosion. Corrosion reduces the amount of current the wire can carry safely. The integrity of the electrical system can be compromised when unsealed electrical connections are utilized. Heat shrink terminals provide a durable seal blocking out contaminants ensuring a better connection.

Features & Benefits

- Made from pure copper, annealed for maximum strength
- Color-coded, imprinted with wire size
- Serrated barrels offer maximum wire contact and tensile strength
- Electro-tin plated for corrosion resistance

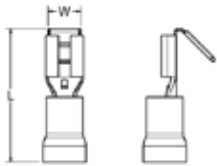
Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length
PGHS1825X03D	22 - 18 AWG	0.250 X 0.032	0.91	0.25	Y10D Y1022 MR22	5/16"
PGHS1425X03D	16 - 14 AWG	0.250 X 0.032	0.91	0.25	Y10D Y1022	5/16"

TYPE PGP

600 Volts Max., 105° C Max.

FINGRIP™ Vinyl Insulated Male/Female Combination Quick Disconnects

Tin-plated brass, vinyl insulated piggy-back connectors are designed to allow for additional terminals to be connected.



Features & Benefits

- Sleeved barrel
- Combination connector allows for more than one connection to a circuit
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensure firm grip

Standard Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
PGP1825X03D	18 - 22	0.250 X 0.032	0.91	0.28	MRE1022NV Y1022	3/8"	PGP1825X03B
PGP1425X03D	14 - 16	0.250 X 0.032	0.91	0.28	MRE1022NV Y1022	3/8"	PGP1425X03B
PGP1025X03D	10 - 12	0.250 X 0.032	0.95	0.28	MRE1022NV Y1022	3/8"	PGP1025X03B

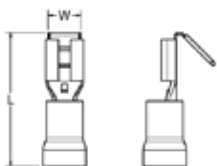
* For UL Listed applications, consult BURNDY® factory.

TYPE PGN

600 Volts Max., 105° C Max.

FINGRIP™ Nylon Insulated Male/Female Combination Quick Disconnects

Nylon insulated tin-plated brass quick disconnects allow for quickly connecting or disconnecting a terminal. The design also allows for additional terminals to be connected easily.



Features & Benefits

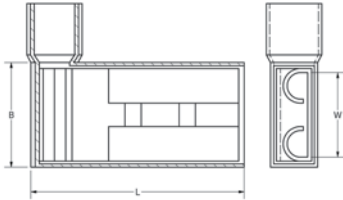
- Sleeved barrel
- Combination connector allows for more than one connection to a circuit
- Funnel entry barrel opening assures quick and easy wire insertion
- Dimpled female socket detent ensures firm grip

Standard Catalog Number	Wire Range	NEMA Tab Size	L	W	Installation Tool	Wire Strip Length	Bulk Catalog Number
PGN1825X03D	18 - 22	0.250 X 0.032	0.90	0.28	MRE1022NV Y10D	3/8"	PGN1825X03B
PGN1425X03D	14 - 16	0.250 X 0.032	0.90	0.28	MRE1022NV Y10D	3/8"	PGN1425X03B
PGN1025X03D	10 - 12	0.250 X 0.032	0.95	0.28	MRE1022NV Y10D	3/8"	PGN1025X03B

* For UL Listed applications, consult BURNDY® factory.

TYPE FLN

FINGRIP™ Nylon Flag-Style Female Quick Disconnect



Flag style female quick disconnects provide quick, reliable, snap-together interconnections without the use of tools. Side entrance chamfer to permit connections of 90° without bending the wire.

Features & Benefits

- Dimpled female socket detent ensure firm grip

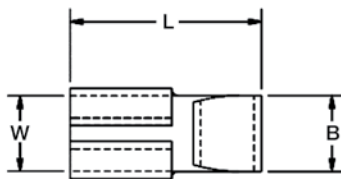
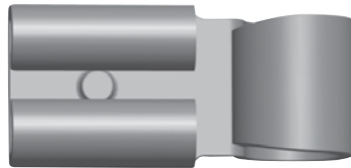


Catalog Number	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length
FLN1825X03D	22 - 18	0.250 X 0.032	0.60	0.40	0.25	MRE1422FLN	3/8"
FLN1425X03D	16 - 14	0.250 X 0.032	0.63	0.40	0.25	MRE1422FLN	3/8"
FLN1025X03D*	12 - 10	0.250 X 0.032	0.64	0.40	0.25	MRE1422FLN	3/8"

* Not cULus.

TYPE FL

FINGRIP™ Flag-Style Female Quick Disconnect



Flag style female quick disconnects provide quick, reliable, snap-together interconnections without the use of tools. Side entrance chamfer to permit connections of 90° without bending the wire.

Features & Benefits

- Dimpled female socket detent ensure firm grip



Catalog Number	Std. Pkg. Qty	Wire Range	NEMA Tab Size	L	B	W	Installation Tool	Wire Strip Length	Bulk Catalog Number	Bulk Pkg. Qty
FL1825X03D	100	18 - 22	0.250 x 0.032	0.67	0.17	0.25	BTH450	3/8"	FL1825X03B	1000
FL1425X03D	100	14 - 16	0.250 x 0.032	0.67	0.17	0.25	BTH450	3/8"	FL1425X03B	1000
FL1025X03D	50	10 - 12	0.250 x 0.032	0.67	0.17	0.25	BTH450	3/8"	FL1025X03B	1000

TYPE YAIT

QIKTAP™ Splices



QIKTAP™ connectors are quick and convenient. Makes quick splices with no stripping, twisting, soldering, or special tooling.

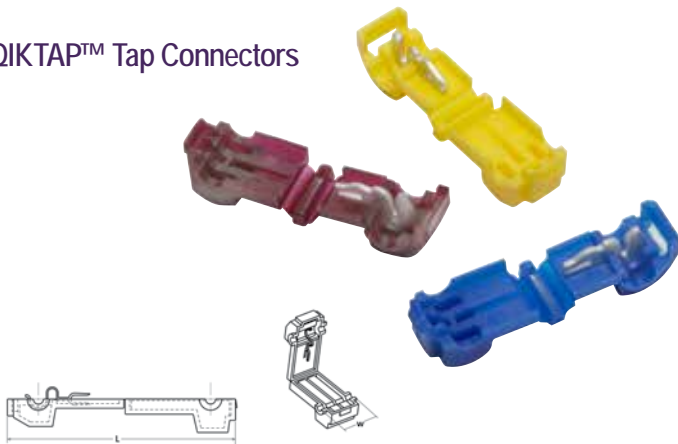
Features & Benefits

- Easy to use
- Saves time
- Color coded
- No special tooling required, just squeeze to install
- Dependable connection

Catalog Number	Wire Range	L	W
YAIT2218R	22 - 18	0.80	0.37
YAIT1814B	16 - 14	0.80	0.37
YAIT1210Y	12 - 10	0.80	0.37

TYPE TTV

QIKTAP™ Tap Connectors



Type TTV electrical connectors allow for an easy tap off of a run conductor. This tap allows for a male quick disconnect to complete the tap connection. This is especially useful when multiple re-connections could be necessary.

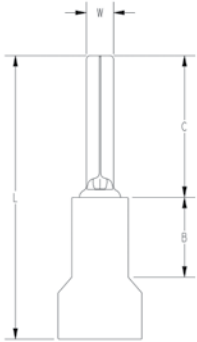
Features & Benefits

- Allows user to tap into a wire in mid-span without cutting or stripping the wire
- Connector then mates with a .250 inch male quick disconnect tab, making a reusable quick-connect wiring termination

Catalog Number	Wire Range	Insulation Color	W	L
TTV18	22 - 18 AWG	Red	0.38	1.44
TTV14	16 - 14 AWG	Blue	0.38	1.44
TTV10	12 - 10 AWG	Yellow	0.38	1.44

TYPE PTV

VINYLUG™



Insulated Pin Terminals are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. This is especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment.

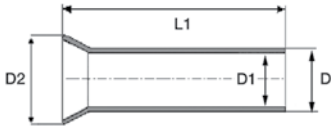
Features & Benefits

- Vinyl insulation
- Color-coded barrels
- Provides an easy and effective way to terminate stranded wire into European/metric-style terminal blocks

Catalog Number	Wire Range	B	C	L	W	Installation Tooling	Wire Strip Length
PTV18	22 - 18 AWG	0.19	0.41	0.80	0.07	MRE1022NV Y1022	5/16"
PTV14	16 - 14 AWG	0.19	0.41	0.80	0.07	MRE1022NV Y1022	5/16"
PTV10	12 - 10 AWG	0.27	0.50	0.97	0.11	MRE1022NV Y1022	5/16"

TYPE YF-UIL

Bare Ferrules



For Use on Copper Conductor

Wire ferrules are also known as cord end terminals or bootlace ferrules. These are electrical connectors used to terminate stranded wires. Made of electrolytically tin plated copper, uninsulated ferrules are designed to form neat end terminations to multi-strand cables or wires. Smooth funnel entry assists in wire insertion.

Features & Benefits

- Made of electrolytic copper, tin plated
- Seamless barrels
- Smooth funnel entry to make wire insertion easier
- RoHS compliant

Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF2006UIL	20	0.75	0.24	0.06	0.05	0.10	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†
YF2010UIL	20	0.75	0.39	0.06	0.05	0.08	
YF2012UIL	20	0.75	0.47	0.06	0.05	0.08	
YF1806UIL	18	1.00	0.24	0.07	0.06	0.11	
YF1808UIL	18	1.00	0.32	0.07	0.06	0.09	
YF1810UIL	18	1.00	0.39	0.07	0.06	0.09	
YF1812UIL	18	1.00	0.47	0.07	0.06	0.09	
YF1607UIL	16	1.50	0.28	0.08	0.07	0.09	
YF1608UIL	16	1.50	0.32	0.08	0.07	0.12	
YF1610UIL	16	1.50	0.39	0.08	0.07	0.12	
YF1612UIL	16	1.50	0.47	0.08	0.07	0.12	
YF1618UIL	16	1.50	0.71	0.08	0.07	0.12	
YF1408UIL	14	2.50	0.32	0.10	0.09	0.13	
YF1410UIL	14	2.50	0.39	0.10	0.09	0.13	
YF1412UIL	14	2.50	0.47	0.10	0.09	0.13	
YF1418UIL	14	2.50	0.71	0.10	0.09	0.13	
YF1209UIL	12	4.00	0.35	0.13	0.11	0.15	
YF1212UIL	12	4.00	0.47	0.13	0.11	0.17	
YF1215UIL	12	4.00	0.59	0.13	0.11	0.15	
YF1218UIL	12	4.00	0.71	0.13	0.11	0.15	
YF1010UIL	10	6.00	0.39	0.15	0.14	0.19	YF268CFSL YF2210FL†
YF1012UIL	10	6.00	0.47	0.15	0.14	0.19	
YF1015UIL	10	6.00	0.59	0.15	0.14	0.19	
YF1018UIL	10	6.00	0.71	0.15	0.14	0.19	
YF0812UIL	8	10.00	0.47	0.19	0.18	0.29	YF268CFSL YF261CSKIT with YF864D die
YF0815UIL	8	10.00	0.59	0.19	0.18	0.29	
YF0818UIL	8	10.00	0.71	0.19	0.18	0.29	
YF0612UIL	6	16.00	0.47	0.24	0.23	0.30	YF261CSKIT with YF864D die
YF0615UIL	6	16.00	0.59	0.24	0.23	0.30	
YF0618UIL	6	16.00	0.71	0.24	0.23	0.30	
YF0625UIL	6	16.00	0.98	0.24	0.23	0.30	

† Not currently UL Listed when using the YF2210FL tool.

TYPE YF-UIL (Continued)



Catalog Number	Wire Size		Dimensions in Inches				Recommended Tooling
	AWG	mm ²	L1 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)	
YF0412UIL *	4	25.00	0.47	0.31	0.29	0.38	YF261CSKIT with YF864D die
YF0415UIL	4	25.00	0.59	0.31	0.29	0.38	
YF0418UIL	4	25.00	0.70	0.31	0.29	0.38	
YF0420UIL	4	25.00	0.79	0.31	0.29	0.38	
YF0425UIL	4	25.00	0.98	0.31	0.29	0.38	
YF0432UIL	4	25.00	1.26	0.31	0.29	0.38	
YF0215UIL *	2	35.00	0.59	0.34	0.33	0.42	YF261CSKIT with YF21D die
YF0220UIL	2	35.00	0.79	0.34	0.33	0.42	
YF0225UIL	2	35.00	0.98	0.34	0.33	0.42	
YF0232UIL	2	35.00	1.26	0.34	0.33	0.42	
YF0118UIL *	1	50.00	0.71	0.43	0.41	0.52	81K Series
YF0122UIL *	1	50.00	0.87	0.43	0.41	0.52	
YF0125UIL *	1	50.00	0.98	0.43	0.41	0.52	
YF0132UIL *	1	50.00	1.26	0.43	0.41	0.52	
YF1/018UIL	1/0	50.00	0.71	0.43	0.41	0.52	
YF1/022UIL	1/0	50.00	0.87	0.43	0.41	0.52	
YF1/025UIL	1/0	50.00	0.98	0.43	0.41	0.52	
YF1/032UIL	1/0	50.00	1.26	0.43	0.41	0.52	
YF2/022UIL *	2/0	70.00	0.87	0.56	0.53	0.64	
YF2/025UIL *	2/0	70.00	0.98	0.56	0.53	0.64	
YF2/032UIL *	2/0	70.00	1.26	0.56	0.53	0.64	
YF3/025UIL *	3/0	95.00	0.98	0.61	0.58	0.68	
YF3/030UIL *	3/0	95.00	1.18	0.61	0.58	0.68	
YF3/032UIL *	3/0	95.00	1.26	0.61	0.58	0.68	
YF4/032UIL *	4/0	120.00	1.26	0.69	0.66	0.81	
YF4/034UIL *	4/0	120.00	1.39	0.69	0.66	0.81	
YF4/040UIL *	4/0	120.00	1.57	0.69	0.66	0.81	
YF25032UIL *	250	150.00	1.26	0.81	0.72	0.91	
YF25040UIL *	250	150.00	1.57	0.81	0.72	0.91	
YF35032UIL *	350	185.00	1.26	0.84	0.79	0.94	
YF35040UIL *	350	185.00	1.57	0.84	0.80	0.94	

* Not UL Listed

TYPE YF-I-L Series W, D, & T

Covered Ferrules

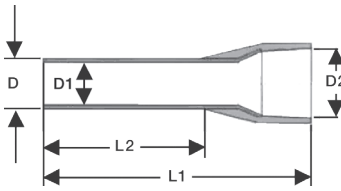


Offered in Series D, T, & W

Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or similar applications. Both styles (single and twin) offer the same features and benefits.

Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- Long-term contact resistance
- No fraying of strands
- No breakage of wire strands when wire is bent, under stress, or in vibration environment
- RoHS compliant



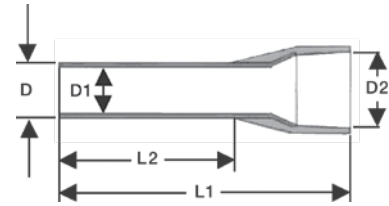
W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF2406IWL Turquoise	—	YF2406ITL Pink	24	0.34	0.40	0.31	0.04	0.03	0.08	500	YF268CFSL
YF2408IWL Turquoise	—	YF2408ITL Pink	24	0.34	0.48	0.31	0.04	0.03	0.08	500	YF261CSKIT with YF2610D die
—	YF2205IDL * White	—	22	0.50	0.44	0.21	0.05	0.04	0.11	500	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†
YF2206IWL Orange	YF2206IDL White	YF2206ITL White	22	0.50	0.47	0.24	0.05	0.04	0.10	500	
YF2208IWL Orange	YF2208IDL White	YF2208ITL White	22	0.50	0.55	0.32	0.05	0.04	0.11	500	
YF2210IWL Orange	YF2210IDL White	YF2210ITL White	22	0.50	0.63	0.39	0.05	0.04	0.10	500	
YF2212IWL Orange	YF2212IDL White	YF2212ITL White	22	0.50	0.47	0.24	0.05	0.04	0.10	500	
YF2006IWL White	YF2006IDL Gray	YF2006ITL Blue	20	0.75	0.47	0.24	0.06	0.05	0.11	500	
YF2008IWL White	YF2008IDL Gray	YF2008ITL Blue	20	0.75	0.56	0.31	0.06	0.05	0.12	500	
YF2010IWL White	YF2010IDL Gray	YF2010ITL Blue	20	0.75	0.63	0.39	0.06	0.05	0.11	500	
YF2012IWL White	YF2012IDL Gray	YF2012ITL Blue	20	0.75	0.71	0.47	0.06	0.05	0.11	500	
YF2018IWL White	YF2018IDL Gray	YF2018ITL Blue	20	0.75	0.96	0.71	0.06	0.05	0.11	500	
YF1806IWL Yellow	YF1806IDL Red	YF1806ITL Red	18	1.00	0.47	0.24	0.07	0.06	0.12	500	
YF1808IWL Yellow	YF1808IDL Red	YF1808ITL Red	18	1.00	0.56	0.32	0.07	0.05	0.12	500	
YF1810IWL Yellow	YF1810IDL Red	YF1810ITL Red	18	1.00	0.63	0.39	0.07	0.06	0.12	500	
YF1812IWL Yellow	YF1812IDL Red	YF1812ITL Red	18	1.00	0.71	0.47	0.07	0.06	0.12	500	
YF1818IWL Yellow	YF1818IDL Red	YF1818ITL Red	18	1.00	0.96	0.71	0.07	0.06	0.12	500	

* Not UL Listed

† Not currently UL Listed when using the YF2210FL tool.

TYPE YF-I-L Series W, D, & T

(Continued)



W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF1606IWL * Red	YF1606IDL * Black	YF1606ITL * Black	16	1.50	0.48	0.24	0.08	0.07	0.14	500	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†
YF1608IWL Red	YF1608IDL Black	YF1608ITL Black	16	1.50	0.55	0.32	0.08	0.07	0.14	500	
YF1610IWL Red	YF1610IDL Black	YF1610ITL Black	16	1.50	0.63	0.39	0.08	0.07	0.14	500	
YF1612IWL Red	YF1612IDL Black	YF1612ITL Black	16	1.50	0.71	0.47	0.08	0.07	0.14	500	
—	YF1615IDL Black	—	16	1.50	0.84	0.59	0.08	0.07	0.14	500	
YF1618IWL Red	YF1618IDL Black	YF1618ITL Black	16	1.50	0.95	0.71	0.08	0.07	0.14	500	
YF1408IWL Blue	YF1408IDL Blue	YF1408ITL Gray	14	2.50	0.62	0.32	0.10	0.09	0.17	500	
YF1410IWL Blue	YF1410IDL Blue	YF1410ITL Gray	14	2.50	0.69	0.39	0.09	0.09	0.17	500	
YF1412IWL Blue	YF1412IDL Blue	YF1412ITL Gray	14	2.50	0.71	0.47	0.09	0.09	0.17	500	
YF1418IWL Blue	YF1418IDL Blue	YF1418ITL Gray	14	2.50	0.95	0.71	0.09	0.09	0.17	500	
YF1209IWL * Gray	YF1209IDL * Gray	YF1209ITL * Orange	12	4.00	0.65	0.32	0.13	0.11	0.19	500	
YF1210IWL Gray	YF1210IDL Gray	YF1210ITL Orange	12	4.00	0.71	0.39	0.13	0.11	0.13	500	
YF1212IWL Gray	YF1212IDL Gray	YF1212ITL Orange	12	4.00	0.79	0.47	0.13	0.11	0.19	500	
YF1218IWL Gray	YF1218IDL Gray	YF1218ITL Orange	12	4.00	1.02	0.71	0.13	0.11	0.19	500	
YF1010IWL * Black	YF1010IDL * Yellow	YF1010ITL * Green	10	6.00	0.73	0.39	0.15	0.14	0.25	100	
YF1012IWL Black	YF1012IDL Yellow	YF1012ITL Green	10	6.00	0.82	0.47	0.15	0.14	0.23	100	
YF1018IWL Black	YF1018IDL Yellow	YF1018ITL Green	10	6.00	1.02	0.71	0.15	0.15	0.25	100	
YF0812IWL Ivory	YF0812IDL Red	YF0812ITL Brown	8	10.00	0.91	0.46	0.19	0.18	0.31	100	
—	YF0815IDL Red	—	8	10.00	0.93	0.59	0.19	0.18	0.29	100	
YF0818IWL Ivory	YF0818IDL Red	YF0818ITL Brown	8	10.00	1.10	0.71	0.19	0.18	0.29	100	
YF0612IWL Green	YF0612IDL Blue	YF0612ITL Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34	100	
YF0618IWL Green	YF0618IDL Blue	YF0618ITL Ivory	6	16.00	0.89	0.43	0.25	0.23	0.34	100	

* Not UL Listed

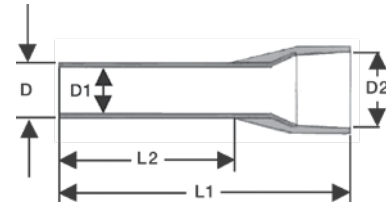
† Not currently UL Listed when using the YF2210FL tool.

Small Terminals

Covered Ferrules for Copper Conductor
Series W, D, & T

TYPE YF-I-L Series W, D, & T

(Continued)

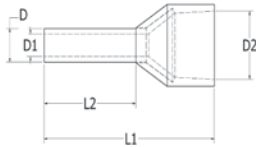


W Series	D Series	T Series	Wire Size		Dimensions in Inches					Bag Qty	Tooling
			AWG	mm ²	L1 (in)	L2 (in)	D (in)	D1 (in)	D2 (in)		
YF0412IWL * Brown	YF0412IDL * Yellow	—	4	25.00	0.94	0.47	0.31	0.29	0.44	100	YF261CSKIT with YF864D die
YF0415IWL * Brown	YF0415IDL * Yellow	—	4	25.00	1.06	0.59	0.30	0.29	0.44	100	
YF0416IWL Brown	YF0416IDL Yellow	YF0416ITL Black	4	25.00	1.10	0.63	0.30	0.29	0.44	100	
—	YF0418IDL Yellow	—	4	25.00	1.18	0.71	0.30	0.29	0.44	100	
—	YF0422IDL Yellow	—	4	25.00	1.42	0.87	0.30	0.29	0.44	100	
—	YF0425IDL Yellow	—	4	25.00	1.45	0.98	0.30	0.29	0.44	100	
—	YF0216IDL Red	—	2	35.00	1.17	0.64	0.34	0.32	0.48	100	YF261CSKIT with YF21D die
YF0218IWL Beige	YF0218IDL Red	YF0218ITL Red	2	35.00	1.26	0.71	0.34	0.33	0.50	100	
—	YF0222IDL Red	—	2	35.00	1.41	0.87	0.34	0.33	0.50	100	
—	YF0225IDL Red	—	2	35.00	1.53	0.98	0.34	0.33	0.50	100	
—	YF0112IDL * Blue	—	1	50.00	1.10	0.47	0.43	0.41	0.59	50	YF261CSKIT with YF21D die
—	YF0116IDL * Blue	—	1	50.00	1.26	0.63	0.43	0.41	0.59	50	
—	YF0120IDL * Blue	—	1	50.00	1.45	0.79	0.43	0.40	0.58	50	
—	YF0122IDL * Blue	—	1	50.00	1.50	0.87	0.43	0.41	0.59	50	
—	YF0125IDL * Blue	—	1	50.00	1.57	0.98	0.43	0.41	0.59	50	
—	YF1/012IDL * Blue	—	1/0	50.00	1.10	0.47	0.43	0.41	0.59	50	
—	YF1/016IDL * Blue	—	1/0	50.00	1.26	0.63	0.43	0.41	0.59	50	
—	YF1/020IDL Blue	—	1/0	50.00	1.45	0.79	0.43	0.40	0.58	50	
—	YF1/022IDL Blue	—	1/0	50.00	1.50	0.87	0.43	0.41	0.59	50	
—	YF1/025IDL Blue	—	1/0	50.00	1.57	0.98	0.43	0.41	0.59	50	
—	YF2/020IDL * Yellow	—	2/0	70.00	1.45	0.79	0.56	0.53	0.63	25	81K Series
—	YF2/025IDL * Yellow	—	2/0	70.00	1.65	0.98	0.56	0.53	0.63	25	
—	YF2/032IDL * Yellow	—	2/0	70.00	1.73	1.10	0.56	0.53	0.63	25	

* Not UL Listed

TYPE YFTW-IDL Series D

Covered Twin Ferrules



For Use on Copper Conductor

Ferrules are electrical connectors used to terminate stranded wires, creating a quality, reliable connection by ensuring each wire strand conducts current when properly crimped. Especially useful when multiple reconnections could be necessary within terminal blocks or other similar devices. No breakage of wire strands when wire is bent, under stress or in a vibration environment. Twin ferrule designs allow two individual stranded conductors to be connected to the same termination, most beneficial in jumpering or similar applications. Both styles (single and twin) offer the same features and benefits. RoHS compliant.

Features & Benefits

- Made of electrolytic copper, tin plated
- Smooth funnel entry to make wire insertion easier
- Secure contacting even after multiple reconnections
- No fraying or breakage of wire strands when wire is bent, under stress, or in vibration environment

Catalog Number	Wire sizes		Dimensions in Inches					Tooling	Bag Qty
	AWG	mm ²	L1 Dim (in)	L2 Dim (in)	D Dim (in)	D1 Dim (in)	D2 Dim (in)		
YFTW2208DL White	22 AWG	0.50	0.60	0.30	0.07	0.06	0.19	YF268CFSL YF261CSKIT with YF2610D die YF2210FL†	500
YFTW2008DL Gray	20 AWG	0.75	0.60	0.31	0.08	0.07	0.20		
YFTW2010DL Gray	20 AWG	0.75	0.66	0.39	0.08	0.07	0.22		
YFTW1808DL Red	18 AWG	1.00	0.62	0.31	0.09	0.08	0.22		
YFTW1810DL Red	18 AWG	1.00	0.67	0.39	0.09	0.08	0.22		
YFTW1608DL Black	16 AWG	1.50	0.65	0.31	0.10	0.09	0.26		
YFTW1612DL Black	16 AWG	1.50	0.77	0.47	0.10	0.09	0.25		
YFTW1410DL Blue	14 AWG	2.50	0.77	0.39	0.13	0.11	0.31		
YFTW1413DL Blue	14 AWG	2.50	0.85	0.51	0.13	0.11	0.32		
YFTW1212DL Gray	12 AWG	4.00	0.92	0.46	0.17	0.15	0.36		
YFTW1014DL Yellow	10 AWG	6.00	0.99	0.53	0.21	0.19	0.41	YF261CSKIT with YF2610D die YF2210FL†	100
YFTW0814DL Red	8 AWG	10.00	1.04	0.55	0.27	0.25	0.51	YF261CSKIT with YF864D die	
YFTW0614DL Blue	6 AWG	16.00	1.23	0.55	0.34	0.33	0.75		

† Not currently UL Listed when using the YF2210FL tool.