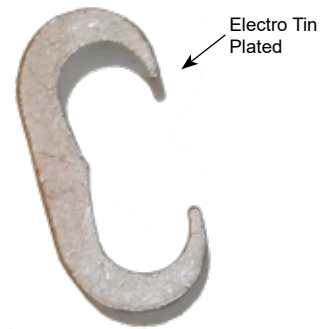


TYPE YCHC

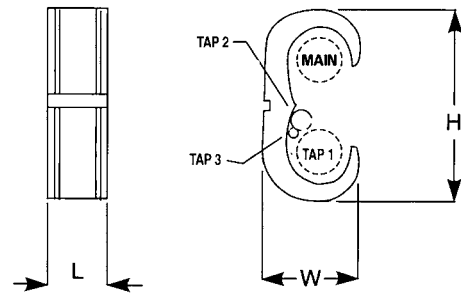
Copper CRIMPIT™ C-Tap

UL Listed 90° C, Up to 35 kV ♦



Features & Benefits

- Range taking C-tap that allows for less inventory as one C-tap can accommodate a multitude of wire combinations
- Accommodates a wide range of run/tap combinations
- Manufactured from high conductivity wrought copper providing low resistance for excellent electrical conductivity
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Each connector has a recommended UL Listed / CSA Certified insulating cover available in both black and clear (see table); clear cover allows for easy inspection of the connection (see separate page for full details on Type CCFR-FR and CFR-FR Covers)
- Connectors are clearly marked with stamping
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing



BURNDY Catalog Number	Flame Retardant Cover		Conductor Sizes Code/(Flex) Cable				▲ Tooling († No. of Crimps)						▲ Die Index & Embossment	H	W	L	Strip Length	
	Clear Cat. No.	Black Cat. No. ‡	Main	Tap 1	Tap 2	Tap 3	35 Series	†	750 Series	†	46* Series	†						Color Code
YCHC44TC44	CCFRFR	CFRFR	1000-750 (750-500)	1000-750 (750-500)	—	—	—	—	—	—	P1102	1	White	1102	3.59	1.73	1.16	1-1/4"
YCHC39TC39	CCFRFR	CFRFR	750-500 (550-500)	750-350 (550-350)	—	—	—	—	—	—	P1103	1	Blue	1103	3.12	1.53	1.06	1-1/8"
YCHC39TC31	CCFRFR	CFRFR	750-500 (550-500)	350-2 (250-2)	2-6 Str./Sol. (2-8)	8-14 (8-14)	—	—	—	—	P1103	1	Blue	1103	2.96	1.53	1.31	1-3/8"
YCHC39TC2	CCFRFR	CFRFR	750-500 (550-500)	2-6 Str./Sol. (2-8)	8-14 (8-14)	—	—	—	—	—	P1103	1	Blue	1103	2.66	1.53	1.31	1-3/8"
YCHC34TC34	CCFNFR	CFNFR	500-4/0 (350-4/0)	500-4/0 (350-4/0)	—	—	—	—	U1104	2	U1104	1	Brown	1104	2.97	1.38	1.00	1-1/4"
YCHC34TC29	CCFNFR	CFNFR	500-4/0 (350-4/0)	250-2 (4/0-2)	2-6 Str./Sol. (2-8)	—	—	—	U1104	2	U1104	1	Brown	1104	2.45	1.26	0.88	1"
YCHC34TC2	CCFNFR	CFNFR	500-4/0 (350-4/0)	2-6 Str./Sol. (2-8)	8-14 (8-14)	—	—	—	U1104	2	U1104	1	Brown	1104	2.45	1.26	0.94	1"
YCHC29TC29	CCFDXFR	CFDFR	250-2 (4/0-2)	250-2 (4/0-2)	—	—	—	—	U997	1	U997	1	Orange	997	2.12	.98	0.94	1"
YCHC29TC2	CCFDFR	CFDFR	250-2 (4/0-2)	2-6 Str./Sol. (2-8)	8-14 (8-14)	—	—	—	U251	1	U251	1	Red	251	1.78	.97	0.81	1"
YCHC2TC2	CCFOFR	CFOFR	2-6 Str./Sol. (2-8)	2-6 Str./Sol. (2-8)	8-14 (8-14)	—	UC	1	UC	1	UC	1	Brown	C	1.22	.60	0.81	1"
YCHC8TC8	♦	♦	8-12 (8-12)	8-12 (8-12)	—	—	U240	1	U240	1	U240	1	Red	240	0.53	.35	0.56	5/8"

Note: To properly use tap 2 and/or tap 3 conductors in YCHC connector a conductor from the tap 1 cable range must be included in the tap 1 groove.

‡ To obtain covers made of polyethylene remove suffix-FR (example: CFO). CFO is not flame retardant.

* Use PUADP1 adaptor with U dies in 46 Series.

▲ See tooling section of Master Catalog for complete tool and die listings.

♦ For applications requiring flame retardant cover, use either a CCFBG-FR (Clear) or CFBG-FR (Black) cover and YH2C2C connector by ordering YH8C8CWCC (Clear) or YH8C8CWC (Black).

Note: All dimensions shown are for reference only.

TYPE YH

H-Tap Copper CRIMPIT™

UL Listed 90° C, Up to 35 kV ♦



Features & Benefits

- Range taking H-tap that allows for less inventory as one H-tap can accommodate a multitude of wire combinations
- H-Tap Copper CRIMPIT™ also accommodates a wide range of run and tap combinations
- The tap grooves act independently; the use of one run and one tap wire is required when using this connector for making a connection
- Designs with more than one tap wire groove require installers to utilize only the run and one tap groove; the other tap grooves can be left empty
- The “third hand” is a string provided with the H-tap connector used to wrap the wire while being inserted into the run and tap grooves; this feature constrains the wire while the installer applies the recommended number of crimps
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Each connector has a recommended UL Listed / CSA Certified insulating cover available in both black and clear (see table); clear cover allows for easy inspection of the connection (see separate page for details on Type CCF-FR and CFR-FR Covers)
- Connectors clearly marked with color coding to ensure proper die and installation tooling is selected
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

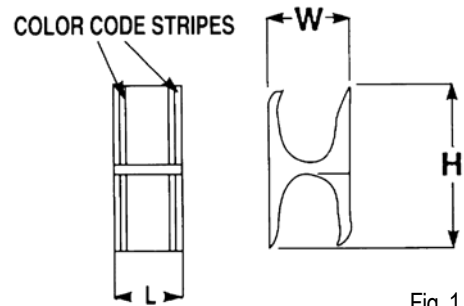
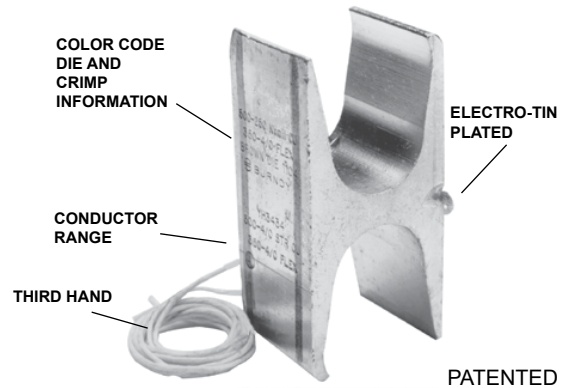


Fig. 1

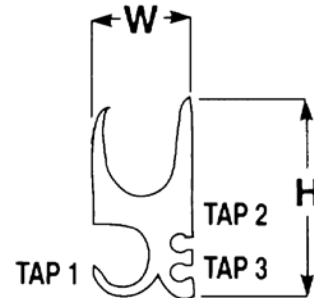


Fig. 2

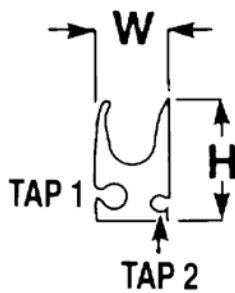


Fig. 3

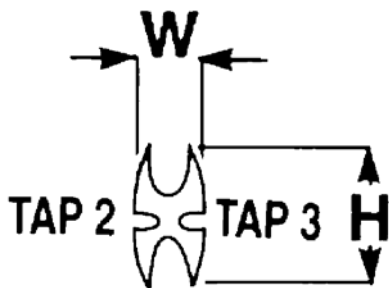


Fig. 4



Fig. 5



Fig. 6

TYPE YH (Continued)

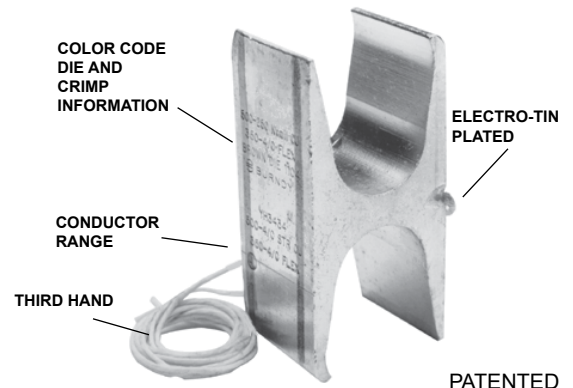


TABLE 1 CODE CONDUCTOR AND METRIC EQUIVALENT

H-Tap Connector	Kit Catalog Number		Conductor Sizes Code/(Flex Cable)					Metric Conductor Sizes (mm ²)			
	Flame Retardant Cover		Fig. No.	Main	Tap 1	Tap 2	Tap 3	Main	Tap 1	Tap 2	Tap 3
	Clear	Black †									
YH4444	YH4444WCC	YH4444WC	1	1000-750 (750-500) (750)	1000-750 (750-500) (750)	—	—	500-400	500-400	—	—
YH4434	YH4434WCC*	YH4434WC	6	1000-750 (750-500) (750)	500-250 (350-4/0)	—	—	1000-750 (777-500) (777-750)	500-350 (350 FX)	—	—
YH4429	YH4429WCC	YH4429WC	5	1000-750 (777-500)	250-2 (4/0-2)	—	—	500-400	150-35	—	—
YH3939	YH3939WCC	YH3939WC	1	750-500 (550-500)	750-350 (550-313)	—	—	300-300	300-185	—	—
YH3931	YH3931WCC	YH3931WC	2	750-350 (550-500)	4/0-1/0 (250-1/0)	1-6 Str/Sol (1-8)	2-14 (2-14)	300-185	95-70	35-16	35-2.5
YH3434	YH3434WCC	YH3434WC	1	500-250 (350-4/0)	500-4/0 (350-4/0)	—	—	240-150	240-120	—	—
YH3429	YH3429WCC	YH3429WC	2	500-4/0 (350-4/0)	250/1/0 (4/0-1/0)	1-6 Str/Sol (1-8)	8-14 (8-14)	240-120	120-70	35-16	6-2.5
YH2929	YH2929WCC	YH2929WC	1	250-2 (4/0-2)	250-2 (4/0-2)	—	—	120-35	120-35	—	—
YH292C	YH292CWCC	YH292CWC	3	250-2 (4/0-2)	2-6 Str/Sol (2-8)	8-14	—	120-35	35-16	6-2.5	—
YH298C	YH298CWCC	YH298CWC	3	250-2 (4/0-2)	8-14	8-14	—	120-35	6-2.5	6-2.5	—
YH2C2C	YH2C2CWCC	YH2C2CWC	4	2-6 Str/Sol (2-8)	2-6 Str/Sol (2-8)	8-14	8-14	35-16	35-16	6-2.5	6-2.5
YH6C6C	YH6C6CWCC	YH6C6CWC	1	6-10 (6-10)	6-14 (6-14)	—	—	10-6	10-2.5	—	—
YH8C8C	YH8C8CWCC	YH8C8CWC	4	8-14 (8-14)	8-14 (8-14)	—	—	6-2.5	6-2.5	—	—

• Use PUADP1 adaptor with U dies in 46 Series.

* Not CSA Certified.

▲ See tooling section of this catalog for complete tool and die listings.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

TYPE YH (Continued)

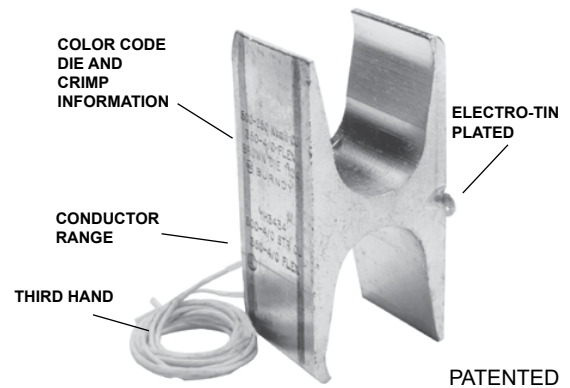


TABLE 2 FLEX AND METRIC CONDUCTOR RANGES

Catalog Number		Maximum Conductor in Range		Diameter mm	Minimum Conductor in Range		Diameter mm
		Flex Conductor (AWG/kcmil)	Maximum Metric Dimensions mm ²		Flex Conductor (AWG/kcmil)	Minimum Metric Dimensions mm ²	
YH4444	Main	777	393	28	500	253	24
	Tap 1	777	393	28	500	253	24
	Main	777	393	28	750	380	31
YH4434	Tap 1	—	—	—	350	177	20
YH4429	Main	777	393	28	500	253	24
	Tap 1	4/0	107	15.5	2	33.6	8
YH3939	Main	550	278	25	500	253	24
	Tap 1	550	278	25	2	177	20
YH3931	Main	550	278	25	500	253	24
	Tap 1	250	126	17	1/0	53.5	11
	Tap 2	1	42	9	8	8	4
	Tap 3	2	33.6	8	14	2	2
YH3434	Main	350	177	20	4/0	107	15.5
	Tap 1	350	177	20	4/0	107	15.5
YH3429	Main	350	177	20	4/0	107	15.5
	Tap 1	4/0	107	15.5	1/0	53	11
	Tap 2	1	42	9	8	8	4
	Tap 3	8	8	4	14	2	2
YH2929	Main	4/0	107	15.5	2	33.6	8
	Tap 1	4/0	107	15.5	2	33.6	8
YH292C	Main	4/0	107	15.5	2	33.6	8
	Tap 1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
YH298C	Main	4/0	107	15.5	2	33.6	8
	Tap 1	8	8	4	14	2	2
	Tap 2	8	8	4	14	2	2
YH2C2C	Main	2	33.6	8	8	8	4
	Tap 1	2	33.6	8	8	8	4
	Tap 2	8	8	4	14	2	2
	Tap 3	8	8	4	14	2	2
YH6C6C	Main	6	13	5	10	5	3
	Tap 1	6	13	5	14	2	2
YH8C8C	Main	8	8	4	14	2	2
	Tap 1	8	8	4	14	2	2

• Use PUADP1 adaptor with U dies in 46 Series.

▲ See tooling section of this catalog for complete tool and die listings.

* Not CSA Certified.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

TYPE YH (Continued)

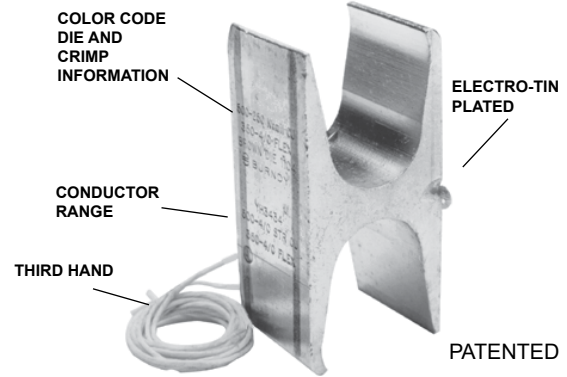


TABLE 3 INSTALLATION TOOLING + DIMENSIONS

Catalog Number	Kit Catalog Number		▲ Tooling († No. of Crimps)								▲ Die Index & Embossment	H	W	Length	Strip Length
	Flame Retardant Cover		Fig. No.	35 Series	†	750 Series	†	46* Series	†	Color Code					
	Clear	Black ‡													
YH4444	YH4444WCC	YH4444WC	1	—	—	—	—	P1102	1	White	1102	3.38	1.70	24	1-1/8
YH4434	YH4434WCC*	YH4434WC	6	—	—	—	—	P1102	1	Yellow	KR	3.38	1.70	1.00	1-3/8
YH4429	YH4429WCC	YH4429WC	5	—	—	—	—	PYFR	1	Yellow	KR	3.22	1.70	1.00	1-3/8
YH3939	YH3939WCC	YH3939WC	1	—	—	—	—	PYFR	1	Yellow	KR	2.97	1.50	1.25	1-3/8
YH3931	YH3931WCC	YH3931WC	2	—	—	—	—	PYFR	1	Yellow	KR	2.97	1.50	0.95	1-1/16
YH3434	YH3434WCC	YH3434WC	1	—	—	U1104M U1104	1 2	P1104 U1104M	1 1	Brown	1104	2.43	1.15	1.00	1-1/8
YH3429	YH3429WCC	YH3429WC	2	—	—	U1104M U1104	1 2	P1104 U1104M	1 1	Brown	1104	2.23	1.31	1.00	1-1/8
YH2929	YH2929WCC	YH2929WC	1	—	—	U654	1	U654 P654	1	Purple	654	1.85	.90	0.90	1-1/16
YH292C	YH292CWCC	YH292CWC	3	—	—	U654	1	U654 P654	1	Purple	654	1.52	.90	0.90	1-1/16
YH298C	YH298CWCC	YH298CWC	3	—	—	U654	1	U654 P654	1	Purple	654	1.52	.90	0.90	1-1/16
YH2C2C	YH2C2CWCC	YH2C2CWC	4	U-C	1	UC	1	UC	1	Brown	C	1.25	.60	0.75	7/8
YH6C6C	YH6C6CWCC	YH6C6CWC	1	UBGRT	1	UBGRT	1	UBGRT	1	Orange	BG	0.81	.39	0.60	3/4
YH8C8C	YH8C8CWCC	YH8C8CWC	4	U11T1	1	U11T1	1	U11T1	1	Green	11	0.63	.40	0.60	3/4

• Use PUADP1 adaptor with U dies in 46 Series.

* Not CSA Certified.

▲ See tooling section of this catalog for complete tool and die listings.

Note: All H-Taps ROHS compliant.

Note: All dimensions shown are for reference only.

TYPE CF-FR

H-Tap Flame Retardant Cover

UL Listed 90° C, Up to 600 Volts



Features & Benefits

- Insulation cover that has a one-piece hinge design so not extra hardware is required
- After an H-tap connection is made, the appropriate CF-FR cover can be used to slip over the connection and latches securely shut
- The use of the insulation cover eliminates the need to tape the connection, making this solution a fast and reliable method of insulating
- Flash Barrier; the cover is designed to protect against electrical flashover
- Type CF-FR cover material has a UL94 V-O Flame rating with a minimum 28 oxygen index that indicate self-extinguishing retardant properties
- Covers are clearly marked with lettering
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CFBGFR	#8 AWG	YH8C8C	0.65	Green
	#6 AWG	YH6C6C	0.65	Orange
CFOFR	#2 AWG	YH2C2C	0.80	Brown
CFDFR	250 kcmil	YH292C, YH298C, YH2929	0.95	Purple
CFNFR	500 kcmil	YH3434, YH3429*	1.10	Brown
CFRFR	750 kcmil	YH3939, YH3931, YH4429	1.30	Yellow
	1000 kcmil	YH4434, YH4444	1.10	White

* Use CFNFR for single tap installation; use CFRFR when 2 or more tap conductors are installed.

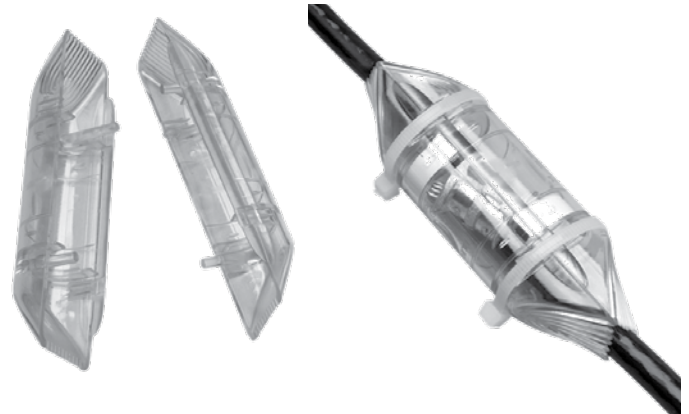
† Two-piece design packaged together.

Note: All dimensions shown are for reference only.

TYPE CCF-FR

Clear H-Tap Flame Retardant Cover

UL Listed 90° C, Up to 600 Volts



Features & Benefits

- Insulation cover that has a two-piece design with positive locking latch to ensure correct installation; prevents opening after installation
- After an H-tap connection is made, the appropriate Type CCF-FR cover can be used to slip over the connection and latch securely shut
- Embedded magnifying lense in the cover provides increased visibility of the H-tap die embossment on the connector made by the require installation tooling; this allows for improved visibility during a connection inspection
- Made of polished clear polycarbonate material that provides:
 - High visibility for inspection of installed H-tap connection
 - Built-in channels on the outside of the covers accommodate and hold cable ties, hook and loop ties, or waxed cord security in place after cover installation
 - Patented highly flexible fingers on each cover are designed to contour around the wire
 - Internal pockets designed to accommodate identification tags (4 ID tags included)
 - UL94 V-O Flame rating indicating self-extinguishing retardant properties
- The use of the insulation cover eliminates the need to tape the connection making this solution a fast and reliable method of insulating
- Molded barrier prevents installed H-tap connectors from electrical flashover
- Covers come with two (2) clear halves, two (2) cable ties, and four (4) identification tags

- Covers are clearly marked with lettering
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing

Catalog Number	Max. Conductor Accommodated	Matched H Copper CRIMPIT™	Max. Connector Length	Connector Color Code
CCFBGFR	#8 AWG	YH8C8C	0.65	Green
	#6 AWG	YH6C6C	0.65	Orange
CCFOFR	#2 AWG	YH2C2C	0.80	Brown
CCDFR	250 kcmil	YH292C, YH298C	0.95	Purple
CCFDXFR	250 kcmil	YH2929	0.95	Purple
CCFNFR	500 kcmil	YH3434, YH3429*	1.10	Brown
CCFRFR	750 kcmil	YH3939, YH3931, YH4429, YH4434, YH4444	1.30	Yellow
	1000 kcmil	YH4444	1.10	White

* Use CCFNFR for single tap installation; use CCFRFR when 2 or more tap conductors are installed.

Note: All dimensions shown are for reference only.

TYPE YSH

H Copper CRIMPIT™ Split Compression Wye Tap Connector

Type YSH heavy duty connectors are designed for insulated underground wye splices. The split H copper CRIMPIT™ connector is longer than our standard H copper CRIMPIT™ and is suitable for use on high voltage (15kV) power cables with copper conductors. The connectors cannot be used with oil filled or mass impregnated cables since no oil stop is provided. The connector is installed with standard BURNDY® HYPRESS™ tools and is made of tin-plated electrolytic copper.

Features & Benefits

- Range taking H-tap that allows for less inventory as one H-tap can accommodate a multitude of wire combinations
- Accommodates a wide range of run / tap combinations
- The tap grooves act independently; the use of one run and one tap wire is required when using this connector for making a connection
- Manufactured from high conductivity wrought copper providing low resistance for excellent electrical conductivity
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Color coded to ensure proper die and installation tooling is selected
- Insulation is not provided; insulation may be obtained from Raychem (800-272-9243) Type HVSY Splice Kits for 15kV installations; a complete IEEE 404 15kV installation is provided

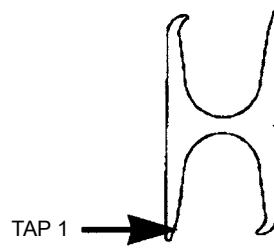
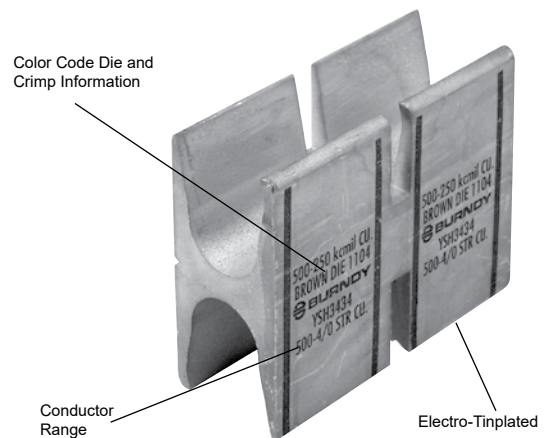


Fig. 1

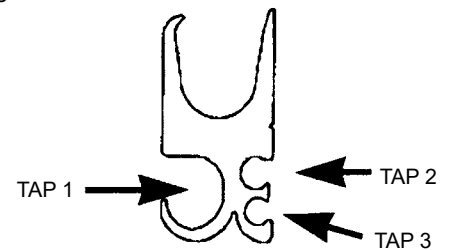
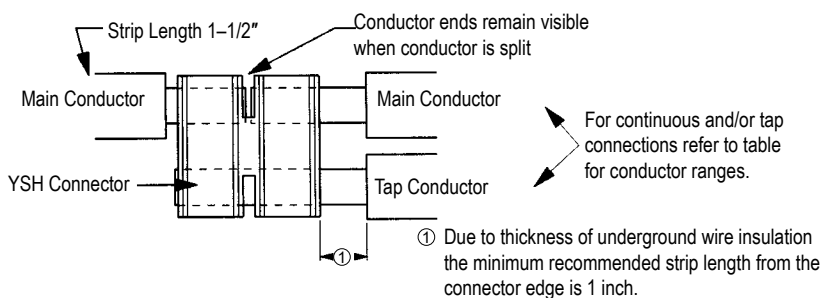


Fig. 2

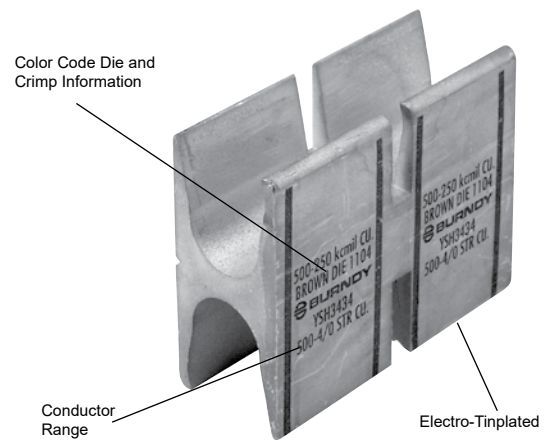
Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



TYPE YSH (Continued)

Expanded Tap 1 Components	
Expanded Catalog Number	Tap 1 Range
YSH-292C-E	#2 Str.
YSH-2925-E	1/0 Str.



Catalog Number	Fig. #	Conductor Sizes Code Expanded Tap 1 (Flex Cable)				750 Series	†	46* Series	†	Color Code	Die Index ▲ & Embossment	H	W	L	Wire Strip Length
		AWG	Tap 1	Tap 2	Tap 3										
YSH2929	1	250 kcmil - #2 AWG (4/0 - 2)	250 kcmil - #2 AWG (4/0 - 2)	-	-	U654	4	P654	2	Purple	654	1.85 in	0.90 in	3.00 in	1 1/2
YSH3429	2	500 kcmil - 4/0 AWG (350 - 4/0)	250 kcmil - 1/0 AWG (4/0 - 1/0)	#1- #6 AWG (1 - 8)	#8- #14 AWG (8 - 14)	U1104	4	P1104	2	Brown	1104	2.23 in	1.31 in	3.00 in	1 1/2
YSH3434	1	500-250 kcmil (350 - 4/0)	500 kcmil-4/0 AWG (350 - 4/0)	-	-	U1104	4	P1104	2	Brown	1104	2.43 in	1.15 in	3.00 in	1 1/2
YSH3931	2	750 - 350 kcmil (550 - 500)	4/0 - 1/0 AWG (350 - 1/0)	#1-#6 AWG (1 - 8)	#2-#14 AWG (2 - 14)	-	-	PYFR	2	Yellow	KR	2.97 in	1.50 in	3.00 in	1 1/2
YSH3939	1	750 - 500 kcmil (550 - 500)	750 - 350 kcmil (550 - 350)	-	-	-	-	PYFR	2	Yellow	KR	2.97 in	1.50 in	3.00 in	1 1/2

* Use PUADP1 adaptor with U dies in 46 Series. P dies result in a smooth crimp surface and is recommended for voltages above 600 V.

▲ See tooling section of this catalog for complete tool and die listings.

† Number of crimps per connector. U dies require double crimps.

Note: All dimensions shown are for reference only.