

TYPES YE-V-P-FX, YE-P-FX

HYPLUG™



Type YE-P copper compression adapters are designed for reliable termination of copper conductor when the current capacity of the conductor is downsized, but larger conductor is utilized. Typical applications are for voltage drop protection when oversized conductors are used or flex conductor is used. These adapters facilitate the termination into existing mechanical set screw connectors for various stranded copper cables.

Features & Benefits

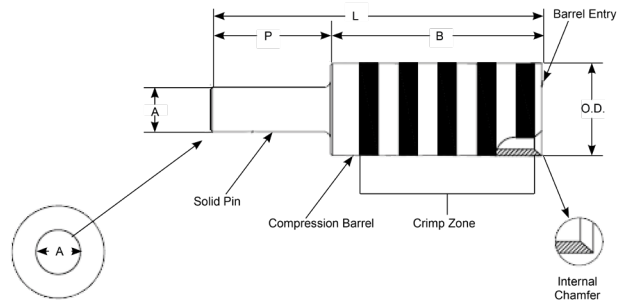
- Connector: Uninsulated copper compression pin adapter
- Connection: Irreversible and maintenance free
- cULus Listed Wire-Connector Adapters; Tested in accordance to UL 486A-486B Wire Connector Adapters, CSA C22.2 No. 65 Wire Connectors
 - For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief applications
- Connectors without covers: Temperature and voltage rating 90°C, up to 35kV
- Accommodates a variety of conductor types and sizes (see tables for specifics)
 - Code Copper Wire Class B (Concentric, Compressed, Compact), Class C
 - Flexible Wire Classes
- Pin adapters are tin plated unless other wise specified; other plating options available (add suffix applicable)
 - Nickel (-NK), Silver (-SV), Tin-Zinc (-TZ), Unplated Bare (-BR)
- Pin adapters are clearly marked with wire size, color code, and crimp location bands
- Barrel designed with an internal chamfer at the wire entry to ensure smooth wire insertion
- Long barrel lengths allow for an increased number of crimps, increasing the mechanical strength of the connection
- In order to obtain a UL Listing and CSA Certification BURNDY certifies its products using the BURNDY Engineered System. BURNDY connectors can receive a UL Listing and CSA Certification with other crimp tool manufacturers installation tools
- Solid pin design is rated to carry the equivalent ampacity of the incoming wire being terminated
- Covers are supplied with the connectors
 - Material types include: Santoprene or PVC
 - UL Listed and CSA Certified; Temperature and voltage rating up to 90°C and 600 Volts
- For installation instructions, see the product sales drawing that can be found on our website



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

TYPES YE-V-P-FX, YE-P-FX (Continued)



Catalog Number	Accommodates Copper Wire Sizes		Pin Size Solid Wire Equiv.	Dimensions					Color Code Die Index	Wire Strip Length	Cover Catalog Number
	Code Conductor Class B, C	Flex Conductor Classes (as listed)		Outside Dia. (OD)	Overall Length (L)	Barrel Length (B)	Pin Length (P)	Pin Dia. (A)			
YEV4CP6X75FX	4 AWG	4 G,H,I,K,M, DLO	6 AWG	0.38	2.05	1.30	0.75	0.16	Gray 8	1-1/4	AYP6C
YEV2CP4X75FX	2 AWG	2 G,H,I,K,M, DLO	4 AWG	0.46	2.07	1.32	0.75	0.21	Brown 10	1-1/4	AYP6C
YEV1CP3X84FX	1 AWG	1 G,H,I,K,M, DLO	3 AWG	0.51	2.17	1.33	0.84	0.23	Green 11	1-1/4	AYP6C
YEV25P2X84FX	1/0 AWG	1/0 G,H,I,K,M, DLO	2 AWG	0.56	2.54	1.70	0.84	0.26	Pink 12	1-3/4	AYP26C
YEV26P1X84FX	2/0 AWG	2/0 G,H,I,K,M, DLO	1 AWG	0.63	2.56	1.72	0.84	0.29	Black 13	1-3/4	AYP26C
YEV27P1/0X84FX	3/0 AWG	3/0 G,H,I,K,M, DLO	1/0 AWG	0.70	2.58	1.74	0.84	0.33	Orange 14	1-3/4	AYP26C
YEV28P2/0X100FX	4/0 AWG	4/0 G,H,I,K,M, DLO	2/0 AWG	0.77	2.76	1.76	1.00	0.37	Purple 15	1-3/4	AYP26C
YEV29P3/0X109FX	250 kcmil	4/0 G,H,I,K,M, DLO	3/0 AWG	0.80	2.85	1.76	1.09	0.41	Yellow 16	1-3/4	AYP26C
YE31P4/0X110FX	300 kcmil 350 kcmil	250 kcmil G,H,I,K 262 kcmil DLO	4/0 AWG	0.88	3.47	2.37	1.10	0.46	White 17	2-1/4	AYP250C
YE32P250X125FX	400 kcmil	300 kcmil G,H,I,K 313 kcmil DLO	250 kcmil	0.95	3.64	2.39	1.25	0.51	Blue 19	2-1/4	AYP250C
YE34P250X125FX	500 kcmil	350 kcmil G,H,I,K 373 kcmil DLO	250 kcmil	1.06	3.66	2.41	1.25	0.51	Brown 20	2-1/4	AYP250C
YE36P350X150FX	600 kcmil	500 kcmil G,H 444 kcmil DLO	350 kcmil	1.19	3.72	2.22	1.50	0.59	Green 22	2-1/4	AYP400C
YE38P350X150FX	700 kcmil	500 kcmil H,I,K 550 kcmil G,H,I 535 kcmil DLO	350 kcmil	1.25	3.77	2.27	1.50	0.59	Pink 400	2-1/4	AYP400C
YE39P500X150FX	750 kcmil	600 kcmil G,H,I,K 646 kcmil DLO	500 kcmil	1.30	3.85	2.35	1.50	0.71	Black 24	2-1/4	AYP400C
YE44P600X170FX	1000 kcmil	750 kcmil G,H,I 777 kcmil DLO	600 kcmil	1.50	4.17	2.47	1.70	0.78	White 27	2-3/8	AYPO900C

Tooling Table:

Catalog Number	Color Code Die Index	Wire Strip Length	Installation Tools (# Crimps)							
			MD6, 600, 500 Series (W-RT Dies)	MD6, 600, 500 Series (W-VT Dies)	750, 35 Series	45 Series (Use PT6515 with U Dies)	46 Series (Use PUADP1 with U Dies)	81K, 4PC Series (Dieless)	444S, 644 Series (Dieless)	Y644MBH Remote Head (Dieless)
YEV4CP6X75FX	Gray 8	1-1/4	W4CRT (2)	W4CVT (2)	U4CRT (2)	U4CRT (2)	U4CRT (2)	2 Crimps	1 Crimp	1 Crimp
YEV2CP4X75FX	Brown 10	1-1/4	W2CRT (2)	W2CVT (2)	U2CRT (2)	U2CRT (2)	U2CRT (2)	2 Crimps	1 Crimp	1 Crimp
YEV1CP3X84FX	Green 11	1-1/4	W1CRT1 (2)	W1CVT (2)	U1CRT1 (2)	U1CRT1 (2)	U1CRT1 (2)	2 Crimps	1 Crimp	1 Crimp
YEV25P2X84FX	Pink 12	1-3/4	W25RT (4)	W25VT (4)	U25RT (2)	U25RT (2)	U25RT (2)	2 Crimps	1 Crimp	1 Crimp
YEV26P1X84FX	Black 13	1-3/4	W26RT (4)	W26VT (4)	U26RT (2)	U26RT (2)	U26RT (2)	2 Crimps	1 Crimp	1 Crimp
YEV27P1/0X84FX	Orange 14	1-3/4	W27RT (4)	W27VT (4)	U27RT (2)	U27RT (2)	U27RT (2)	2 Crimps	1 Crimp	1 Crimp
YEV28P2/0X100FX	Purple 15	1-3/4	W28RT (4)	W28VT (4)	U28RT (2)	U28RT (2)	U28RT (2)	2 Crimps	1 Crimp	1 Crimp
YEV29P3/0X109FX	Yellow 16	1-3/4	W29RT (4)	W29VT (4)	U29RT (2)	U29RT (2)	U29RT (2)	2 Crimps	1 Crimp	1 Crimp
YE31P4/0X110FX	White 17	2-1/4	W30RT (4)	—	U30RT (4)	U30RT (4)	U30RT (4)	3 Crimps	1 Crimp	1 Crimp
YE32P250X125FX	Blue 19	2-1/4	W32RT (4)	—	U32RT (4)	U32RT (4)	U32RT (4)	3 Crimps	1 Crimp	1 Crimp
YE34P250X125FX	Brown 20	2-1/4	W34RT (4)	—	U34RT (4)	U34RT (4)	U34RT (4)	3 Crimps	1 Crimp	1 Crimp
YE36P350X150FX	Green 22	2-1/4	—	—	U36RT (4)	U36RT (4)	U36RT (4)	3 Crimps	1 Crimp	1 Crimp
YE38P350X150FX	Pink 400	2-1/4	—	—	U38RT (4)	U38RT (4)	U38RT (4)	3 Crimps	1 Crimp	1 Crimp
YE39P500X150FX	Black 24	2-1/4	—	—	U39RT (4)	S39RT (4)	P39RT (4)	3 Crimps	1 Crimp	1 Crimp
YE44P600X170FX	White 27	2-3/8	—	—	—	S44RT (4)	P44RT (4)	3 Crimps	1 Crimp	1 Crimp