

Compression Connections

Copper — Code
T-Coupler

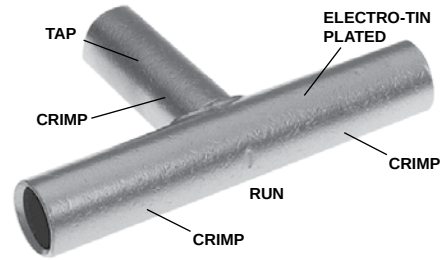
TYPE YST

Uninsulated Copper HYTEE™ T-Coupler



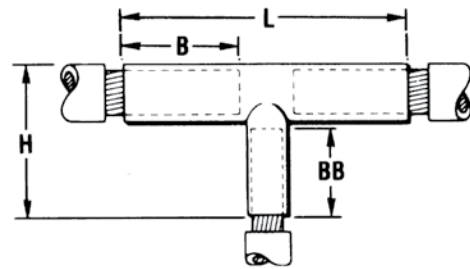
UL Listed to 90° C, Up to 35 kV ♦

Type YST copper compression tee is designed for connecting a run conductor with a perpendicular tap conductor. Type YST connectors are commonly used in junction boxes and manholes to make a radial tap off a main run. They are needed in many industrial, utility generation, and commercial applications. The most common cable combinations are listed below. The Type Y-R reducers can also be used to accommodate most cable combinations.



Features & Benefits

- Manufactured from high conductivity electrolytic copper tubing with heavy wall thickness, Type YST T-couplers provide low resistance for excellent electrical conductivity
- Featuring long barrel length for all three wire wire accommodating barrels allows for an increased number of crimps, in turn increasing the mechanical strength of the connection while allowing the connection to operate at a lower temperature rating; additionally, the long barrel permits the use of the Type Y-R reducing adapters
- Accommodates a wide range of run / tap combinations
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked
- 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	Code ● Conductors		Dimensions				Dieless (# of crimps)	Installation Tooling ▲						Wire Length	
								Run Conductors			Tap Conductors				
	35 ■, 750, 46* Series			35 ■, 750, 46* Series											
	Run	Tap	B	BB	H	L		Die Number (# of crimps)	Color Code	Die Index	Die Number (# of crimps)	Color Code	Die Index ▲	Run	Tap
YST4C4C	4 AWG	4 AWG	1.12	1.38	1.72	3.25	644 Series (1) 81K Series (1)	U4CRT (2)	Gray	8	U4CRT (2)	Gray	8	1-3/16"	1-3/16"
YST2C2C	2 AWG	2 AWG	1.25	1.56	1.98	3.56		U2CRT (2)	Brown	10	U2CRT (2)	Brown	10	1-5/16"	1-5/16"
YST2525	1/0 AWG	1/0 AWG	1.38	1.56	1.91	3.81		U25RT (2)	Pink	12	U25RT (2)	Pink	12	1-7/16"	1-7/16"
YST2626	2/0 AWG	2/0 AWG	1.50	1.67	2.18	3.94		U26RT (2)	Black	13	U26RT (2)	Black	13	1-9/16"	1-9/16"
YST282C	4/0 AWG	2 AWG	1.62	1.50	2.12	3.94		U28RT (2)	Purple	15	U2CRT (2)	Brown	10	1-11/16"	1-5/16"
YST2825	4/0 AWG	1/0 AWG	1.62	1.56	2.25	4.00		U28RT (2)	Purple	15	U25RT (2)	Pink	12	1-11/16"	1-5/8"
YST2828	4/0 AWG	4/0 AWG	1.62	1.75	2.44	4.19	—	U28RT (2)	Purple	15	U28RT (2)	Purple	15	1-11/16"	1-13/16"
YST2929	250 kcmil	250 kcmil	1.62	1.78	2.53	4.25	—	U29RT (2)	Yellow	16	U29RT (2)	Yellow	16	1-11/16"	1-11/16"
YST3131	350 kcmil	350 kcmil	2.00	2.25	3.12	5.50	644 Series (2) 81K Series (2)	U31RT (4)	Red	18	U31RT (4)	Red	18	2"	2"
YST3428	500 kcmil	4/0 AWG	2.25	1.75	2.81	5.81		U34RT (4)	Brown	20	U28RT (2)	Purple	15	2-5/16"	1-11/16"
YST3434	500 kcmil	500 kcmil	2.25	2.70	3.76	6.19		U34RT (4)	Brown	20	U34RT (4)	Brown	20	2-5/16"	2-5/16"
YST3939	750 kcmil	750 kcmil	2.88	3.34	4.64	8.12		U39RT (4)	Black	24	U39RT (4)	Black	24	2-15/16"	2-15/16"

* Use adapter PUADP1 with U Dies in 46 Series.

■ The maximum size for the Y35 is 400 kcmil.

● Contact factory for conductor combinations not shown.

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

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

Note: All dimensions shown are for reference only.