

UTILUX COPPER COMPRESSION SPLICES

CRIMP CONNECTORS

KEY FEATURES

- Uses industry standard tooling for simple installation
- Industry-standard color coding system simplifies die selection
- Chamfered connector allows cable to be inserted easily
- Tin-plated for corrosion resistance and durability, and tempered for easy crimping
- One-piece, seamless construction from electrolytic tough pitch (ETP) copper for superior electrical performance and mechanical operation

TE Connectivity's (TE) copper compression splices are ideally suited for secondary power distribution in buildings, power plants, electrical equipment, and industrial applications. Connectors can be used on applications up to 35 kV, and meet the requirements of UL486A and CSA C22.2 No. 65-95 when applied with approved die sets. (See Instruction Sheet #408-8969 for approved listing of die sets).

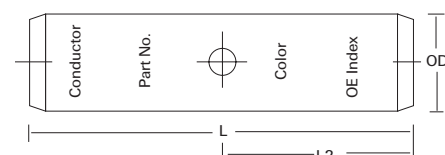
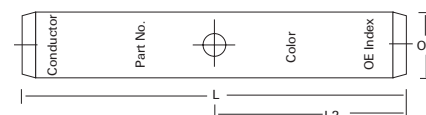
Copper compression splices are available to accommodate a range of cable sizes from 6 AWG through 1,000 MCM and are designed for splicing compact, compressed or concentric stranded copper conductors. These splices are offered from 6 AWG through 1,000 MCM with either a standard or long barrel.

Compression crimping forms the splice and conductor into a strong, almost homogeneous unit, producing excellent conductivity, low temperature rise, and outstanding resistance to oxidation and corrosion. Copper compression splices are designed with a one-piece, seamless construction from electrolytic tough pitch (ETP) copper for superior electrical performance and mechanical operation.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.


PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES

Description	Part Number	Conductor Size	Length (L)	Length/2 (L/2)	Outside Dia. (D)	Color Code
Standard Barrel Splice						
1443402-1	F01145-000	#6 STR	1.75	0.83	0.292	Blue
1443402-2	E58842-000	#4 STR	2.00	0.96	0.340	Gray
1443402-3	F04673-000	#3 STR	2.09	1.00	0.377	White
1443402-4	A03885-000	#2 STR	2.09	1.00	0.418	Brown
1443402-5	F35460-000	#1 STR	2.09	1.00	0.462	Green
1443402-6	E14229-000	1/0 STR	2.09	1.00	0.515	Pink
1443402-7	A36732-000	2/0 STR	2.18	1.05	0.583	Black
1443402-8	F00155-000	3/0 STR	2.32	1.11	0.618	Orange
1443402-9	A60689-000	4/0 STR	2.32	1.12	0.691	Purple
1-1443402-0	A46067-000	250 MCM	2.50	1.19	0.753	Yellow
1-1443402-1	E20368-000	300 MCM	2.50	1.19	0.815	White
1-1443402-2	C91178-000	350 MCM	2.62	1.25	0.844	Red
1-1443402-3	220516-000	400 MCM	2.75	1.31	0.953	Blue
1-1443402-4	E08117-000	500 MCM	3.15	1.50	1.064	Brown
1-1443402-5	D00256-000	600 MCM	3.25	1.55	1.185	Green
1-1443402-6	A69412-000	750 MCM	3.75	1.80	1.302	Black
1-1443402-7	C01073-000	1000 MCM	4.26	2.06	1.504	White
Long Barrel Splice						
1443403-1	A53052-000	#6 STR	2.41	1.16	0.292	Blue
1443403-2	F35585-000	#4 STR	2.41	1.16	0.340	Gray
1443403-3	D87369-000	#3 STR	2.53	1.22	0.377	White
1443403-4	A26628-000	#2 STR	2.65	1.28	0.418	Brown
1443403-5	A81060-000	#1 STR	2.91	1.41	0.462	Green
1443403-6	C85928-000	1/0 STR	2.91	1.41	0.515	Pink
1443403-7	C76909-000	2/0 STR	3.15	1.53	0.583	Black
1443403-8	A17764-000	3/0 STR	3.15	1.53	0.618	Orange
1443403-9	F70587-000	4/0 STR	3.39	1.63	0.691	Purple
1-1443403-0	C12634-000	250 MCM	3.39	1.63	0.753	Yellow
1-1443403-1	933810-000	300 MCM	4.13	2.00	0.815	White
1-1443403-2	C41705-000	350 MCM	4.13	2.00	0.844	Red
1-1443403-3	D17212-000	400 MCM	4.38	2.13	0.953	Blue
1-1443403-4	F83951-000	500 MCM	4.62	2.23	1.064	Brown
1-1443403-5	F12957-000	600 MCM	5.50	2.67	1.185	Green
1-1443403-6	D36803-000	750 MCM	5.88	2.86	1.302	Black
1-1443403-7	F17300-000	1000 MCM	6.12	2.96	1.504	White

Standard Barrel Splice

Long Barrel Splice

Physical and Electrical Properties

Material: ETP copper alloy C11000

Plating: Electro tin plate

Heat treating: Soft tempered

Voltage Rating:

For applications up to 35 kV
Consult shielded cable manufacturers stress relief instructions



Agency approvals (when crimped with the approved die sets):

Listed by Underwriters Laboratories, Inc. File No. E13288,

Compression splice connectors comply with the requirements of UL486A and CSA C.22.2 NO. 65-93.

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