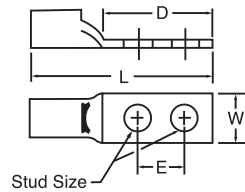


COPPER PENN-CRIMPS® TELECOM LUGS • BLU-2TC

2 hole standard barrel lugs for #8 stranded thru 1000 MCM



LISTED
CU
90°C



COLOR-CODED COPPER COMPRESSION CONNECTORS



Connector Family	UL 486A / CSA 22.2 No. 65 Wire Range	UL 467 GROUNDING			CSA C22.2 NO. 41 GROUNDING		
		UL Grounding Max. Wire	Grounding & Bonding	Direct Burial	CSA Grounding Max. Wire	Grounding & Bonding	Direct Burial
BLU, BBLU, BBLZ, BCU, BBCU	8 Str.- 2000 MCM	500 MCM	YES	YES	250 MCM	YES	YES

POWER: UL 486A, CSA C22.2 NO. 65
GROUNDING & BONDING & DIRECT BURIAL : UL 467, CSA C22.2 NO. 41

- Seamless, one piece, copper construction with tin plating assures maximum conductivity.
- Generous entrance chamfer provides easy cable insertion.
- End of cable is visible through the inspection window to assure proper cable insertion.
- Catalogue number and conductor sizes marked on every piece insures positive identification.
- 45° and 90° variations are UL listed and CSA certified. Contact factory for price and availability.
- Can be installed with existing crimping tools.
- Die colour coding conforms to industry standards to insure proper connector/die selection and to provide for faster installation.
- Accepts the same wide range of additional wire sizes and types as our standard BLU, BBLU, BBLZ, BCU, and BBCU series.
- UL/CSA approved with Versa-Crimp® tooling and wire ranges. Versa-Crimp® is a registered trademark of Hubbell Incorporated.
- BLU lugs are suitable for use at voltages up to 35KV.

Part #	Copper Cond. Range+	Wire Dia. (in)	Stud Size	Approximate Dimensions (in inches)				Die Color Code	Crimping Tool Reference					
				Hole Space E	Wide W	Pad Lgth D	Lgth L		PENN-UNION			Alt. Tooling		
									Dieless Mechanical	Pressure Setting TDY-1	TDY-U	PUC Dies	Burndy Index No.	T&B Die
BLU8D2TC10	#8 Str.	.146	10	5/8	.41	1.13	1.78	Red	PUC TDM-250 or TDM-500	-	-	T-6	B-6	21
BLU8D2TC14			1/4	5/8	.41	1.22	1.88							
BLU8D2TC14E2			1/4	3/4	.41	1.36	2.01							
BLU8D2TC14E1			1/4	1	.41	1.61	2.26							
BLU8D2TC38			3/8	1	.56	1.83	2.48							
BLU6D2TC10	#6 Str.	.184	10	5/8	.41	1.22	2.25	Blue	PUC TDM-250 or TDM-500	-	-	T-7*/374*	B-7	24
BLU6D2TC14			1/4	5/8	.41	1.22	2.25							
BLU6D2TC14E2			1/4	3/4	.41	1.36	2.42							
BLU6D2TC14E1			1/4	1	.41	1.61	2.67							
BLU6D2TC516E2			5/16	3/4	.61	1.47	2.54							
BLU6D2TC516			5/16	1	.61	1.72	2.79							
BLU6D2TC38			3/8	1	.61	1.83	2.90							
BLU6DN			1/2	1 3/4	.81	3.00	4.07							
BLU5D 2TC14	#5 Str.	.206	1/4	5/8	.44	1.22	2.25	Blue	PUC NONE	-	-	T-7*/374*	B-7	24
BLU4D2TC14	#4 Str.	.232	1/4	5/8	.50	1.22	2.33	Gray	PUC TDM-250 or TDM-500	2	-	T-8*/346*	B-8	29
BLU4D2TC14E2			1/4	3/4	.50	1.36	2.43							
BLU4D2TC14E1			1/4	1	.50	1.61	2.68							
BLU4D2TC516			5/16	1	.61	1.72	2.78							
BLU4D2TC38			3/8	1	.61	1.83	2.89							
BLU4D1			1/2	1 3/4	.94	2.88	3.94							
BLU3D2TC14	**#3 Str.	.260	1/4	5/8	.65	1.22	2.32	White	PUC NONE	2	-	T-9*	B-9	-
BLU3D2TC51658			5/16	5/8	.65	1.34	2.47							
BLU3D2TC38			3/8	1	.65	1.83	2.93							
BLU2D2TC14	#2 Str.	.292	1/4	5/8	.59	1.22	2.32	Brown	PUC TDM-250 or TDM-500	2	-	T-10	B-10	33
BLU2D2TC14E2			1/4	3/4	.59	1.36	2.49							
BLU2D2TC14E1			1/4	1	.59	1.61	2.74							
BLU2D2TC516E2			5/16	3/4	.59	1.47	2.60							
BLU2D2TC516			5/16	1	.59	1.72	2.85							
BLU2D2TC38			3/8	1	.59	1.83	2.96							
BLU2D2			1/2	1 3/4	.81	2.88	3.98							
BLU1D2TC14	#1 Str.	.332	1/4	5/8	.67	1.22	2.41	Green	PUC TDM-250 or TDM-500	2	-	T-11/375	B-11	37
BLU1D2TC14E2			1/4	3/4	.67	1.36	2.55							
BLU1D2TC516E6			5/16	7/8	.67	1.62	2.79							
BLU1D2TC38			3/8	1	.67	1.83	3.02							
BLU1D5			1/2	1 3/4	.78	2.88	4.06							
BLU1/0D2TC14	1/0 Str.	.375	1/4	5/8	.74	1.22	2.44	Pink	PUC TDM-250 or TDM-500	2	-	T-12/348	B-12	42
BLU1/0D2TC14E2			1/4	3/4	.74	1.36	2.58							
BLU1/0D2TC516E6			5/16	7/8	.74	1.62	2.81							
BLU1/0D2TC516			5/16	1	.74	1.72	2.94							
BLU1/0D2TC38			3/8	1	.74	1.83	3.02							
BLU1/0D2NTC38			3/8	1 3/4	.74	2.58	3.77							
BLU1/0D2			1/2	1 3/4	.81	2.88	4.09							

Installation tools see page F-24

† Note: On double hole lugs: Nema spacing #10 & 1/4" studs—1/2" centers, 3/8" studs—1" centers, 1/2" studs—1 1/4" centers.

CSA approved with T&B, Burndy, Versa-Crimp, Huskie Tooling and Penn-Union Tools. See CSA File # LR23769-20, figure A5, appendix I.

NOW LISTED FOR GROUNDING, BONDING & DIRECT BURIAL APPLICATIONS

NEW FEATURE!

COPPER PENN-CRIMPS® • BLU-2TC



Part #	Copper Cond. Range+	Wire Dia. (in)	Stud Size	Approximate Dimensions (in inches)				Die Color Code	Crimping Tool Reference					
				Hole Space E	Wide W	Pad Lgth D	Lgth L		PENN-UNION			Alt. Tooling		
									Dieless Mechanical	Pressure Setting TDY-1	TDY-U	PUC Dies	Burndy Index No.	T&B Die
BLU1/0D2TC14	1/0 Str.	.375	1/4	5/8	.74	1.22	2.44	Pink	PUC TDM-250 or TDM-500	2	-	T-12/348	B-12	42
BLU1/0D2TC14E2			1/4	3/4	.74	1.36	2.58							
BLU1/0D2TC516E6			5/16	7/8	.74	1.62	2.81							
BLU1/0D2TC516			5/16	1	.74	1.72	2.94							
BLU1/0D2TC38			3/8	1	.74	1.83	3.02							
BLU1/0D2NTC38			3/8	1 3/4	.74	2.58	3.77							
BLU1/0D2			1/2	1 3/4	.81	2.88	4.09							
BLU2/0D2TC14	2/0 Str.	.419	1/4	5/8	.82	1.22	2.50	Black	PUC TDM-250 or TDM-500	2	-	T-13	B-13	45
BLU2/0D2TC14E2			1/4	3/4	.82	1.36	2.64							
BLU2/0D2TC14E1			1/4	1	.82	1.61	2.89							
BLU2/0D2TC516E6			5/16	7/8	.82	1.62	2.88							
BLU2/0D2TC516			5/16	1	.82	1.72	3.00							
BLU2/0D2TC38			3/8	1	.82	1.83	3.08							
BLU2/0D			1/2	1 3/4	.82	2.88	4.13							
BLU3/0D2TC14E2	3/0 Str.	.470	1/4	3/4	.89	1.36	2.77	Orange	PUC TDM-250 or TDM-500	5	5	T-14	B-14	50
BLU3/0D2TC516			5/16	1	.89	1.72	3.13							
BLU3/0D2TC38			3/8	1	.89	1.83	3.24							
BLU3/0D			1/2	1 3/4	.89	2.88	4.25							
BLU4/0D2TC14E2	4/0 Str.	.528	1/4	3/4	1.00	1.36	2.83	Purple	PUC TDM-250 or TDM-500	5	5	T-15	B-15	54
BLU4/0D2TC14E1			1/4	1	1.00	1.61	3.08							
BLU4/0D2TC516			5/16	1	1.00	1.72	3.18							
BLU4/0D2TC38			3/8	1	1.00	1.83	3.30							
BLU4/0D			1/2	1 3/4	1.00	2.88	4.31							
BLU025D2TC38	250 MCM	.575	3/8	1	1.09	1.83	3.43	Yellow	PUC TDM250 or TDM-500	5	5	T-16	B-16	62
BLU025D			1/2	1 3/4	1.09	2.88	4.44							
BLU030D2TC516	300 MCM	.634	5/16	1	1.19	1.72	3.37	White	PUC TDM-500	7	7	T-17*	B-17	66H/66
BLU030D2TC38			3/8	1	1.19	1.83	3.50							
BLU030D			1/2	1 3/4	1.19	2.88	4.50							
BLU035D2TC14E2	350 MCM	.682	1/4	3/4	1.28	1.36	3.14	Red	PUC TDM-500	7	7	T-18/324	B-18	71H/71
BLU035D2NTC516			5/16	1 3/4	1.28	2.88	4.63							
BLU035D2TC38			3/8	1	1.28	1.83	3.61							
BLU035D2TC12			1/2	1 1/4	1.28	2.40	4.18							
BLU035D			1/2	1 3/4	1.28	2.88	4.63							
BLU040D2TC516	400 MCM	.728	5/16	1	1.39	1.72	3.63	Blue	PUC TDM-500	7	7	T-19*/470*	B-19	76H/76
BLU040D2TC38			3/8	1	1.39	1.83	3.74							
BLU040D			1/2	1 3/4	1.39	2.88	4.75							
BLU050D2TC14E2	500 MCM	.815	1/4	3/4	1.53	1.36	3.52	Brown	PUC TDM-500	9	9	T-20/299	B-20	87
BLU050D2TC38			3/8	1	1.53	1.83	3.99							
BLU050D2TC12			1/2	1 1/4	1.53	2.40	4.56							
BLU050D			1/2	1 3/4	1.53	2.88	5.00							
BLU060D2TC38	600 MCM	.893	3/8	1	1.72	1.83	4.08	Green	PUC NONE	9	9	T-22/472	B-22	94H/94
BLU060D			1/2	1 3/4	1.72	2.88	5.09							
BLU065D2TC38	650 MCM	.930	3/8	1	1.78	1.83	4.08	Pink	PUC NONE	9	9	-	B-300	99
BLU065D2TC12			1/2	1 1/4	1.78	2.40	4.65							
BLU065D			1/2	1 3/4	1.78	2.88	5.09							
BLU075D2TC38	750 MCM	.999	3/8	1	1.91	1.83	4.43	Black	PUC NONE	9	9	T-24*/473	B-24	106H/106
BLU075D2TC12E3			1/2	1 1/2	1.91	2.65	5.25							
BLU075D			1/2	1 3/4	1.91	2.88	5.44							
BLU080D2TC38	800 MCM	1.031	3/8	1	1.97	1.83	4.49	Orange	PUC NONE	-	-	-	B-25	107H/107
BLU080D			1/2	1 3/4	1.97	2.88	5.53							
BLU100D2TC38	1000 MCM	1.153	3/8	1	2.17	1.83	4.83	White	PUC NONE	9***	9***	-	B-27	125
BLU100D2TC12			1/2	1 1/4	2.17	2.40	5.40							
BLU100D			1/2	1 3/4	2.17	2.88	5.87							

+ Concentric, compressed and compact stranding.

** (Also #2 Sol)

* Consult factory for availability of dies not available at this time.

*** CUAD-1000

Installation tools see page F-24

NEW FEATURE!

NOW LISTED FOR GROUNDING, BONDING & DIRECT BURIAL APPLICATIONS

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† Note: On double hole lugs: Nema spacing #10 & ¼" studs—¾" centers, ¾" studs—1" centers, 1½" studs—1 ¾" centers.

CSA approved with T&B, Burndy, Versa-Crimp, Huskie Tooling and Penn-Union Tools. See CSA File # LR23769-20, figure A5, appendix I.

ADDITIONAL WIRE SIZE RECOMMENDATIONS FOR COPPER PENN-CRIMPS®

• TYPES BCU, BBCU, BLU, BBLU

Copper Connector Catalogue Type Splices and Lugs (1 & 2 Hole)	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED	  LISTED		
	Class B & C Building Wire Cu Cable Size & Stranding	Class I Flexible Cable (#24AWG Cu Strands) Size & Stranding	Class K Weld Cable (#30AWG Cu Strands) Size & Stranding	Diesel Locomotive Cable (#24AWG Cu Strands) Size & Stranding	Class H Cable (No. & Dia. of Wire) Size & Stranding	Class G Cable (No. & Dia. of Wire) Size & Stranding	Class M Flexible Cable (#34AWG Cu Strands) Size & Stranding	Metric Cable Wire Size Range Copper Cable Only Metric Size & Dia.	Navy Cable	Air Craft
BCU-BBCU-BLU-BBLU-8	#8 AWG 7 or 19	#8 AWG 41/24	None	None	*#8 AWG 133/.0111	*#8 AWG 49/.0184	#8 AWG 420/34	6mm ² 3.21mm	#23	AN-8
BCU-BBCU-BLU-BBLU-6	#6 AWG 7 or 19	#6 AWG 63/24	None	None	#7 AWG 133/.0125	*#7 AWG 49/.0206	#7 AWG 532/34	10mm ² 4.12mm	None	None
BCU-BBCU-BLU-BBLU-5	#5 AWG 7 or 19	None	None	None	*#6 AWG 133/.0140	*#6 AWG 49/.0231	#6 AWG 665/34	16mm ² 5.18mm	#30	AN-6
BCU-BBCU-BLU-BBLU-4	#4 AWG 7 or 19	None	None	None	*#5 AWG 133/.0158	*#5 AWG 49/.0260	#5 AWG 836/34	*20mm ² 5.72mm	#40	None
BCU-BBCU-BLU-BBLU-3	#3 AWG 7 or 19	#4 AWG 105/24	#4 AWG 420/30	#4 AWG 105/24	#4 AWG 133/.0177	#4 AWG 49/.0292	#4 AWG 1064/34	25mm ² 6.60mm	#50	AN-4
BCU-BBCU-BLU-BBLU-2	#2 AWG 7 or 19	None	None	None	*#3 AWG 133/.0199	*#3 AWG 49/.0328	#3 AWG 1323/34	*30mm ² 7.01mm	#60	None
BCU-BBCU-BLU-BBLU-1	#1 AWG 19 or 37	#2 AWG 161/24	#2 AWG 665/30	#2 AWG 150/24	#2 AWG 133/.0223	#2 AWG 49/.0368	#2 AWG 1666/34	*40mm ² 8.20mm	#75	AN-2
BCU-BBCU-BLU-BBLU-1/0	1/0 AWG 19 or 37	None	#1 AWG 836/30	#1 AWG 225/24	#1 AWG 259/.0180	#1 AWG 133/.0251	#1 AWG 2107/34	50mm ² 9.27mm	#100	AN-1
BCU-BBCU-BLU-BBLU-2/0	2/0 AWG 19 or 37	1/0 AWG 266/24	1/0 AWG 1064/30	1/0 AWG 275/24	1/0 AWG 259/.0202	1/0 AWG 133/.0282	1/0 AWG 2646/34	70mm ² 10.92mm	#125	AN-1/0
BCU-BBCU-BLU-BBLU-3/0	3/0 AWG 19 or 37	2/0 AWG 342/24	2/0 AWG 1323/30	2/0 AWG 325/24	2/0 AWG 259/.0227	2/0 AWG 133/.0316	None	*85mm ² 11.94mm	#150	None
BCU-BBCU-BLU-BBLU-4/0	4/0 AWG 19 or 37	None	3/0 AWG 1666/30	3/0 AWG 450/24	3/0 AWG 259/.0255	3/0 AWG 133/.0355	2/0 AWG 3325/34	95mm ² 12.80mm	#200	AN-2/0 AN-3/0
BCU-BBCU-BLU-BBLU-025	250 MCM 37 or 61	None	None	None	None	None	3/0 AWG 4256/34	120mm ² 14.40mm	None	None
BCU-BBCU-BLU-BBLU-030	300 MCM 37 or 61	4/0 AWG 532/24	4/0 AWG 2107/30	4/0 AWG 550/24	*4/0 AWG 259/.0286	*4/0 AWG 133/.0399	4/0 AWG 5320/34	150mm ² 16.00mm	#300	AN-4/0
BCU-BBCU-BLU-BBLU-035	350 MCM 37 or 61	None	None	262 MCM 650/24	*250 MCM 427/.0242	*250 MCM 259/.0311	None	*180mm ² 17.42mm	#350	None
BCU-BBCU-BLU-BBLU-040	400 MCM 37 or 61	None	None	313 MCM 775/24	300 MCM 427/.0265	300 MCM 259/.0340	250 MCM 6384/34	185mm ² 17.80mm	#400	None
BCU-BBCU-BLU-BBLU-045	450 MCM 37 or 61	None	None	None	350 MCM 427/.0286	350 MCM 259/.0368	300 MCM 7581/34	None	None	None
BCU-BBCU-BLU-BBLU-050	500 MCM 37 or 61	350 MCM 882/24	None	373 MCM 925/24	400 MCM 427/.0306	400 MCM 259/.0393	350 MCM 8806/34	240mm ² 20.30mm	None	None
BCU-BBCU-BLU-BBLU-060	600 MCM 61 or 91	None	None	444 MCM 1100/24	450 MCM 427/.0325	450 MCM 259/.0417	400 MCM 10101/34	300mm ² 22.63mm	None	None
BCU-BBCU-BLU-BBLU-065	650 MCM 61 or 91	500 MCM 1225/24	None	535 MCM 1325/24	500 MCM 427/.0342	500 MCM 259/.0439	450 MCM 11396/34	None	None	None
BCU-BBCU-BLU-BBLU-075	750 MCM 61 or 91	None	None	646 MCM 1600/24 600 MCM 703/.0292	*550 MCM 703/.0280 600 MCM 427/.0375	*550 MCM 427/.0359	500 MCM 12691/34	None	None	None
BCU-BBCU-BLU-BBLU-080	800 MCM 61 or 91	None	None	None	*650 MCM 703/.0304 700 MCM 427/.0405	*650 MCM 427/.0390	550 MCM 13664/34	400mm ² 26.1mm	None	None
BCU-BBCU-BLU-BBLU-100	1000 MCM 61 or 91	750 MCM 1862/24	None	777 MCM 1925/24	*700 MCM 703/.0316 750 MCM 703/.0327	*750 MCM 427/.0419 800 MCM 427/.0433	600 MCM 14945/34 650 MCM 16226/34	500mm ² 29.3mm	None	None

*Not UL Listed