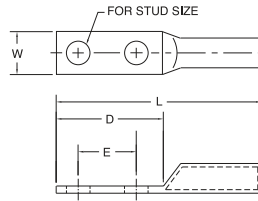


COPPER PENN-CRIMPS® TELECOM LUGS • BBLU-2TC

2 hole long barrel lugs for #8 stranded thru 2000 MCM



COLOR-CODED COPPER COMPRESSION CONNECTORS



Connector Family	POWER 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
BBLU, 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

- Longer length barrel permits extra crimps for additional assurance on heavy duty loads.
- Seamless, one piece, pure copper construction with tin plating assures maximum conductivity.
- Generous entrance chamfer provides easy cable insertion.
- End of cable is protected from environmental hazards by completely closed transition.
- 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 requirements 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 BBLU series.
- New feature - UL/CSA approved with Versa-Crimp® tooling and wire ranges. Versa-Crimp® is a registered trademark of Hubbell Incorporated.
- BBLU lugs are suitable for use at voltages up to 35KV.

Part #	Copper Cond. Range+	Wire Dia. (in)	Stud Size	Approximate Dimensions				Die Color Code	Crimping Tool Reference					
				(in inches)					PENN-UNION			Alt. Tooling		
				E	W	D	L		Dieless Mechanical	Pressure Setting		PUC Dies	Burndy Index No.	T&B Die
TDY-1	TDY-U													
BBLU8D2TC14	#8 Str.	.146	1/4	.63	.41	1.22	2.44	Red	PUC TDM-250 or TDM-500	-	-	T-6	B-6	21
BBLU8D2TC14E2			1/4	.75	.41	1.36	2.58							
BBLU8D2TC38E3			3/8	.81	.56	1.83	3.05							
BBLU8D2TC38			3/8	1	.56	1.83	3.05							
BBLU6D2TC14	#6 Str.	.184	1/4	.63	.41	1.22	2.60	Blue	PUC TDM-250 or TDM-500	-	-	T-7*/374*	B-7	24
BBLU6D2TC14E2			1/4	.75	.41	1.36	2.74							
BBLU6D2TC38E2			3/8	.75	.61	1.58	2.96							
BBLU6D2TC38E3			3/8	.81	.61	1.83	3.21							
BBLU6D2TC38			3/8	1	.61	1.83	3.21							
BBLU6DN			1/2	1.75	.81	3.00	4.38							
BBLU5D2TC14	#5 Str.	.206	1/4	.63	.44	1.22	2.60	Blue	PUC NONE	-	-	T-7*/374*	B-7	24
BBLU5D2TC14E2			1/4	.75	.44	1.36	2.74							
BBLU5D2TC38E2			3/8	.75	.61	1.58	2.96							
BBLU5D2TC38E3			3/8	.81	.61	1.83	3.21							
BBLU5D2TC38			3/8	1	.61	1.83	3.21							
BBLU4D2TC14	#4 Str.	.232	1/4	.63	.50	1.22	2.60	Gray	PUC TDM-250 or TDM-500	2	-	T-8*/346*	B-8	29
BBLU4D2TC14E2			1/4	.75	.50	1.36	2.74							
BBLU4D2TC38E2			3/8	.75	.61	1.58	2.96							
BBLU4D2TC38E3			3/8	.81	.61	1.83	3.21							
BBLU4D2TC38			3/8	1	.61	1.83	3.21							
BBLU4D1			1/2	1.75	.94	3.00	4.38							
BBLU3D2TC14	** #3 Str.	.260	1/4	.63	.65	1.22	2.60	White	PUC NONE	2	-	T-9*	B-9	-
BBLU3D2TC14E2			1/4	.75	.65	1.36	2.74							
BBLU3D2TC38E2			3/8	.75	.65	1.58	2.96							
BBLU3D2TC38E3			3/8	.81	.65	1.83	3.21							
BBLU3D2TC38			3/8	1	.65	1.83	3.21							
BBLU2D2TC14	#2 Str.	.292	1/4	.63	.59	1.22	2.75	Brown	PUC TDM-250 or TDM-500	2	-	T-10	B-10	33
BBLU2D2TC14E2			1/4	.75	.59	1.36	2.89							
BBLU2D2TC38E2			3/8	.75	.59	1.58	3.11							
BBLU2D2TC38E3			3/8	.81	.59	1.83	3.36							
BBLU2D2TC38			3/8	1	.59	1.83	3.36							
BBLU2D2NTC38			3/8	1.75	.59	2.58	4.11							
BBLU2D6			1/2	1.75	.81	3.00	4.53							
BBLU1D2TC14	#1 Str.	.332	1/4	.63	.67	1.22	2.94	Green	PUC TDM-250 or TDM-500	2	-	T-11/375	B-11	37
BBLU1D2TC14E2			1/4	.75	.67	1.36	3.08							
BBLU1D2TC38E2			3/8	.75	.67	1.58	3.30							
BBLU1D2TC38E3			3/8	.81	.67	1.83	3.55							
BBLU1D2TC38			3/8	1	.67	1.83	3.55							
BBLU1D2			1/2	1.75	.78	3.00	4.72							

Installation tools see page F-24

† Note: On double hole lugs: Nema spacing #10 & 1/4" studs—3/8" centers, 3/8" studs—1" centers, 1/2" studs—1 3/4" 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® • BBLU-2TC



Part #	Copper Cond. Range+	Wire Dia. (in)	Stud Size	Approximate Dimensions				Die Color Code	Crimping Tool Reference					
				(in inches)					PENN-UNION				Alt. Tooling	
				E	W	D	L		Dieless Mechanical	Pressure Setting		PUC Dies	Burndy Index No.	T&B Die
										TDY-1	TDY-U			
BBLU1/0D 2TC14	1/0 Str.	.375	1/4	.63	.74	1.22	2.94	Pink	PUC TDM-250 or TDM-500	2	-	T-12/348	B-12	42
BBLU1/0D 2TC14E2			1/4	.75	.74	1.36	3.08							
BBLU1/0D 2TC38E2			3/8	.75	.74	1.58	3.30							
BBLU1/0D 2TC38E3			3/8	.81	.74	1.83	3.55							
BBLU1/0D 2TC38			3/8	1	.74	1.83	3.55							
BBLU1/0D 2NTC38			3/8	1.75	.74	2.58	4.30							
BBLU1/0D3			1/2	1.75	.81	3.00	4.72							
BBLU2/0D 2TC14	2/0 Str.	.419	1/4	.63	.82	1.22	3.06	Black	PUC TDM-250 or TDM-500	2	-	T-13	B-13	45
BBLU2/0D 2TC14E2			1/4	.75	.82	1.36	3.20							
BBLU2/0D 2TC38E2			3/8	.75	.82	1.58	3.42							
BBLU2/0D 2TC38E3			3/8	.81	.82	1.83	3.67							
BBLU2/0D 2TC38			3/8	1	.82	1.83	3.67							
BBLU2/0D			1/2	1.75	.82	3.00	4.84							
BBLU3/0D 2TC14			3/0 Str.	.470	1/4	.63	.89							
BBLU3/0D 2TC14E2	1/4	.75			.89	1.36	3.27							
BBLU3/0D 2TC38E2	3/8	.75			.89	1.58	3.49							
BBLU3/0D 2TC38E3	3/8	.81			.89	1.83	3.74							
BBLU3/0D 2TC38	3/8	1			.89	1.83	3.74							
BBLU3/0D	1/2	1.75			.89	3.00	4.91							
BBLU4/0D 2TC14	4/0 Str.	.528			1/4	.63	1.00	1.22	3.32	Purple	PUC TDM-250 or TDM-500	5	5	T-15
BBLU4/0D 2TC14E2			1/4	.75	1.00	1.36	3.46							
BBLU4/0D 2TC38E2			3/8	.75	1.00	1.58	3.68							
BBLU4/0D 2TC38E3			3/8	.81	1.00	1.83	3.93							
BBLU4/0D 2TC38			3/8	1	1.00	1.83	3.93							
BBLU4/0D 2NTC38			3/8	1.75	1.00	2.58	4.68							
BBLU4/0D 2TC716E2			7/16	.75	1.00	1.83	3.93							
BBLU4/0D			1/2	1.75	1.00	3.00	5.10							
BBLU025D 2TC14E2	250 MCM	.575	1/4	.75	1.09	1.36	3.58	Yellow	PUC TDM-250 or TDM-500	5	5	T-16	B-16	62
BBLU025D 2TC38E3			3/8	.81	1.09	1.83	4.05							
BBLU025D 2TC38			3/8	1	1.09	1.83	4.05							
BBLU025D			1/2	1.75	1.09	3.00	5.22							
BBLU030D 2TC14E2	300 MCM	.634	1/4	.75	1.19	1.36	3.95	White	PUC TDM-500	7	7	T-17*	B-17	66H/66
BBLU030D 2TC38			3/8	1	1.19	1.83	4.42							
BBLU030D			1/2	1.75	1.19	3.00	5.59							
BBLU035D 2TC14E2	350 MCM	.682	1/4	.75	1.28	1.36	4.02	Red	PUC TDM-500	7	7	T-18/324	B-18	71H/71
BBLU035D 2TC38			3/8	1	1.28	1.83	4.49							
BBLU035D			1/2	1.75	1.28	3.00	5.66							
BBLU040D 2TC14E2	400 MCM	.728	1/4	.75	1.39	1.36	4.15	Blue	PUC TDM-500	7	7	T-19*/470*	B-19	76H/76
BBLU040D 2TC38			3/8	1	1.39	1.83	4.62							
BBLU040D			1/2	1.75	1.39	3.00	5.79							
BBLU050D 2TC14E2	500 MCM	.815	1/4	.75	1.53	1.36	4.39	Brown	PUC TDM-500	9	9	T-20/299	B-20	87
BBLU050D 2TC38			3/8	1	1.53	1.83	4.86							
BBLU050D			1/2	1.75	1.53	3.00	6.03							
BBLU060D 2TC38	600 MCM	.893	3/8	1	1.72	1.83	5.39	Green	PUC NONE	9	9	T-22/472	B-22	94H/94
BBLU060D			1/2	1.75	1.72	3.00	6.56							
BBLU065D 2TC38	650 MCM	.930	3/8	1	1.78	1.83	5.51	Pink	PUC NONE	9	9	-	B-300	99
BBLU065D			1/2	1.75	1.78	3.00	6.68							
BBLU075D 2TC38	750 MCM	.999	3/8	1	1.91	2.08	5.93	Black	PUC NONE	9	9	T-24*/473	B-24	106H/106
BBLU075D			1/2	1.75	1.91	3.00	6.85							
BBLU080D	800 MCM	1.031	1/2	1.75	1.97	3.00	7.00	Orange	PUC NONE	-	-	-	B-25	107H/107
BBLU100D 2TC38	1000 MCM	1.153	3/8	1	2.17	2.08	6.24	White	PUC NONE	9***	9***	-	B-27	125
BBLU100D1			1/2	1.75	2.17	3.00	7.16							
BBLU150D1	1500 MCM	1.412	1/2	1.75	2.69	3.00	7.44	Green	PUC NONE	-	-	-	B-31	-
BBLU200D1	2000 MCM	1.632	1/2	1.75	3.08	3.00	7.78	Brown	PUC NONE	-	-	-	B-34	-

+ 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

† 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.

NEW FEATURE!

NOW LISTED FOR GROUNDING, BONDING & DIRECT BURIAL APPLICATIONS

F

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	6mm² 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	10mm² 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	16mm² 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	*20mm² 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	25mm² 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	*30mm² 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	*40mm² 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	50mm² 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	70mm² 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	*85mm² 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	95mm² 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	120mm² 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	150mm² 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	*180mm² 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	185mm² 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	240mm² 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	300mm² 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	400mm² 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	500mm² 29.3mm	None	None

*Not UL Listed