

ADDITIONAL WIRE SIZE RECOMMENDATIONS FOR COPPER PENN-CRIMPS®

TYPES: BCU, BCU-FL, BBCU, BBCU-FL, BLU, BLU-FL, BBLU, BB LU-FL, BBLZ

Copper Connector Catalog Type Splices and Lugs (1 & 2 Hole)	UL SP		UL SP		UL SP		UL SP		UL SP		UL SP	
	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 BBLZ	#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 BBLZ	#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 BBLZ	#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 BBLZ	#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 BBLZ	#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 BBLZ	#2 AWG 7 or 19	None	None	None	*#3 AWG 133/.0199	*#3 AWG 49/.0328	#3 AWG 1323/34	*30mm ² 7.01 mm	#60	None		
BCU-BBCU-BLU-BBLU-1 BBLZ	#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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	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 BBLZ	750 MCM 61 or 91	None	None	646 MCM 1600/24	*550 MCM 703/.0280	*550 MCM 427/.0359	500 MCM 12691/34	None	None	None		
BCU-BBCU-BLU-BBLU-080 BBLZ	800 MCM 61 or 91	None	None	None	*650 MCM 703/.0304	*700 MCM 427/.0405	550 MCM 13664/34	400mm ² 26.1mm	None	None		
BCU-BBCU-BLU-BBLU-100 BBLZ	1000 MCM 61 or 91	750 MCM 1862/24	None	777 MCM 1925/24	*700 MCM 703/.0316	*750 MCM 427/.0419	600 MCM 14945/34 650 MCM 16226/34	500mm ² 29.3mm	None	None		

*Not UL Listed