

Bus Bar, Antenna and Aluminum Ground Wire

Bus Bar Wire

Product Description

Made in accordance with the performance requirements of Federal Spec. QQ-W-343G. Solid tinned copper. Belden® can certify upon special request compliance to the performance requirements of QQ-W-343S_S1T.



Part No.	AWG	Standard Lengths		Standard Unit Weight		Nominal OD		Circular Area	
		Ft.	m	Lbs.	kg	Inch	mm	CMA	mm ²
Bus Bar Wire									
8025	30	100	30.5	.1	.05	.010	.26	102	.05
		1000	304.8	1.0	.50				
8024	28	100	30.5	.1	.05	.013	.33	164	.08
		1000	304.8	1.0	.50				
8023	26	100	30.5	.1	.05	.016	.41	262	.13
		1000	304.8	1.0	.50				
8022	24	100	30.5	.2	.10	.021	.52	424	.22
		1000	304.8	1.0	.50				
8021	22	100	30.5	.2	.10	.026	.65	650	.33
		1000	304.8	2.0	.90				
8020	20	100	30.5	.4	.20	.033	.83	1056	.54
		1000	304.8	3.0	1.40				
8019	18	100	30.5	.5	.20	.041	1.03	1648	.84
		1000	304.8	6.0	2.70				
8013	16	100	30.5	.8	.40	.052	1.31	2673	1.35
		1000	304.8	9.0	4.10				
8012	14	100	30.5	1.5	.70	.065	1.66	4251	2.15
		1000	304.8	14.0	6.40				
8011	12	100	30.5	2.3	1.00	.083	2.11	6872	3.48

Antenna Wire

Product Description

Stranded bare copper-covered steel.



Part No.	AWG	Standard Package Lengths		Standard Unit Weight		Nominal OD	
		Ft.	m	Lbs.	kg	Inch	mm
Antenna Wire							
8002	16 (7x24)	100	30.5	.8	.4	.060	1.52
8000	14 (7x22)	100	30.5	1.3	.6	.076	1.93
		1000	304.8	13.0	5.9		

Aluminum Ground Wire

8018	8 (solid)	50	15.2	.9	.4	.128	3.25
		500	152.4	8.5	3.9		

Aluminum Ground Wire

Product Description

8 AWG solid, soft annealed aluminum. Packaged in ten 50-foot connected coils or spools of 500 feet. Spools are marked every 100 feet for easy measuring.

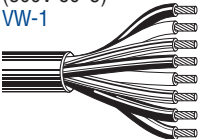


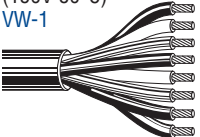
Unshielded

Antenna Rotor Control Cables, Security/Audio Systems
and Duplex Primary Wire

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	AWG (stranding)	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD	
						Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm

Antenna Rotor Cables Stranded Tinned Copper Conductors • Conductors Cabled**PVC Insulation • Chrome PVC Jacket**

UL AWM Style 2464 (300V 80°C) VW-1 	9405	NEC: CM	8	Black, White	2@16 (19x28)	500	152.4	47.0	21.3	.019	.48	.032	.81	.345	8.76
						1000	304.8	92.0	41.8						
				Brown, Red, Yellow, Blue, Orange, Green	6@18 (16x30)					.018	.46				

UL AWM Style 2576 (150V 80°C) VW-1 	8448	NEC: CMG CEC: CMG FT4	8	Black, White	2@18 (16x30)	U-500	U-152.4	25.0	11.4	.019	.48	.032	.81	.259	6.58
						500	152.4	25.5	11.6						
				Red, Green, Brown, Blue, Yellow, Orange	6@22 (7x30)	U-1000	U-304.8	49.0	22.2	.010	.25				
						1000	304.8	50.0	22.7						

Security/Audio/Power Limited Controls Cable Stranded Bare Copper Conductors • Conductors Parallel**PVC Insulation • Chrome PVC Jacket**

200V RMS 75°C VW-1 	8484	—	4	Black, Green, Red, White	20 (7x28)	U-500	U-152.4	12.5	5.7	—	—	—	—	.177	4.50
						500	152.4	12.5	5.7						
						U-1000	U-304.8	24.0	10.9						
						1000	304.8	25.0	11.4						

Duplex Primary Wire Stranded Bare Copper Conductors • Conductors Parallel**PVC Insulation • Chrome PVC Jacket**

300V RMS 75°C VW-1 	8677	—	2	Brown, Red	16 (19x29)	500	152.4	18.5	8.4	.024	.61	.022	.56	.149 x .254	3.78 x 6.45
	8675	—	2	Brown, Red	14 (19x27)	500	152.4	23.5	10.7	.023	.58	.023	.58	.168 x .290	4.27 x 7.37
	8673	—	2	Brown, Red	12 (19x25)	500	152.4	32.5	14.8	.026	.66	.022	.56	.186 x .328	4.72 x 8.33
	8678	—	2	Brown, Red	10 (19x23)	500	152.4	51.0	23.1	.031	.79	.025	.64	.225 x .400	5.72 x 10.16