

## 107-277 Single-Layer Flexible Braided Busbar



HOW TO ORDER						
Sample Part Number	107-277	A	781	B	F	-6 S
Product Series	Busbar Ground Strap, Single Layer					
Material Code	A = Copper / Tin plated B = Copper / Silver plated C = Copper / Nickel plated D = Stainless Steel					
Size Code	781 – 3000, See Dimensions Tables					
Lug 1 Hole	A – Q, See Table. If two different sized lug holes are required, specify smaller lug hole in this location.					
Lug 2 Hole	A – Q, See Table					
Length	In inches					
Insulation Sleeving	S = Black sleeving over braid    Omit = No sleeving					

LUG HOLE SIZE CODES		
Hole Size Code	Ø C	Stud Size (Ref.)
X	.000	No Lug Hole
Z	.090/.098 (2.29/2.49)	#2
A	.114/.122 (2.90/3.10)	#4
B	.142/.152 (3.61/3.86)	#6
C	.168/.178 (4.27/4.52)	#8
D	.193/.203 (4.90/5.16)	#10
E	.260/.275 (6.60/6.99)	1/4
F	.323/.338 (8.20/8.59)	5/16
G	.385/.400 (9.78/10.16)	3/8
H	.448/.463 (11.38/11.76)	7/16
J	.510/.525 (12.95/13.34)	1/2
K	.573/.588 (14.55/14.94)	9/16
L	.651/.666 (16.54/16.92)	5/8
M	.770/.785 (19.56/19.94)	3/4
N	.895/.910 (22.73/ 23.11)	7/8
P	.957/.972 (24.31/24.69)	15/16
Q	1.020/1.035 (25.91/26.29)	1

- MATERIAL/FINISH**
- Braid and Lugs - 30 AWG copper/tin, silver, or nickel plated; or 30 AWG stainless steel
  - Sleeving - per M23053 or equivalent

LUG HOLE SIZE CODES / DIMENSIONS													
Size Code	CSA (KCMIL)	CSA (mm <sup>2</sup> )	Ref. AWG Equiv.	Current Rating (Amps)*	A (Ref)		B		D (Ref)		E		Max Lug Code
					In.	mm	In.	mm	In.	mm	In.	mm	
781	33.6	17.02	5	116	.87	22.10	.435	11.05	.16	4.06	.87	22.10	H
1125	43.2	21.89	4	140	1.00	25.40	.500	12.70	.17	4.32	1.00	25.40	K
1375	52.8	26.75	3	165	1.25	31.75	.625	15.88	.17	4.32	1.25	31.75	M
2000	67.2	34.05	2	190	1.50	38.10	.750	19.05	.17	4.32	1.50	38.10	M
2500	89.6	45.40	1	220	2.00	50.80	1.000	25.40	.17	4.32	2.00	50.80	Q
3000	102.4	51.89	0 (1/0)	260	2.50	63.50	1.250	31.75	.17	4.32	2.50	63.50	Q

**NOTES**

- \* Current rating given for information only and is not a requirement. Values shown are for uninsulated wire in free air, based on ambient of 30°C and max temperature of 90°C. Values should be derated in insulated or if in close contact with other components.
- Lug hole sizes may differ from each other. Smaller lug hole diameter specified in "Lug 1" location in the part number. (Not applicable for RA right-angle lug configurations). Lug holes IAW AS7928
- Length tolerance: ± .250 inches (6.35 mm) up to 5 inches, or ± 5% for lengths > than 5".
- Ground Straps identified with Glenair name, P/N, and date code, space permitting