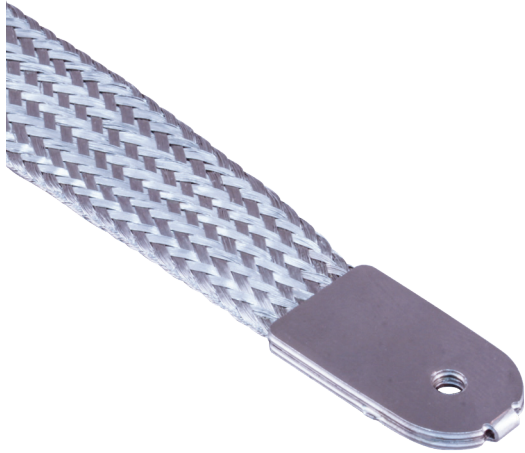


SERIES 107 ArmorLite™ ESD Bonds and Ground Straps

**BONDING +
GROUNDING**
FLEXIBLE BRAIDED STRAPS

107-322 100% ArmorLite SS Microfilament Braid,
Silver-Plated, Single / Double Layer, Radiused Lugs



HOW TO ORDER						
Sample Part Number	107-322	D	64	E	H	-6
Product Series	100% ArmorLite ground strap, silver plated					
Braid Layers	S = Single D = Double					
Size Code	See Size Code in Tables below					
Lug 1 Hole	A – M, See Table. If two different sized lug holes are required, specify smaller lug hole in this location.					
Lug 2 Hole	A – M, See Table					
Length	-X In inches					

ARMORLITE™

GROUND STRAP FEATURES

- For EMI noise suppression, equipotential bonding, and fault grounding in spacecraft applications
- 70+% weight savings over standard NiCu braid
- Approved for use by major airframe and equipment manufacturers
- Lightweight, durable, configurable crimp lugs: square, radiused, straight, single- and double-right-angle versions
- Available black or clear sleeving over braid

MATERIAL/FINISH

- ArmorLite, stainless steel 316L / silver plate
- Lugs - Copper / silver plate per AMS-C-26074

LUG HOLE SIZE CODES		
Hole Size Code	Ø C	Stud Size (Ref.)
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

SINGLE-LAYER ARMORLITE GROUND STRAP		
Size Code	Nom. Resistance mΩm/m	Braid Weight (g/m)
-12	51.5	10.0
-16	34.5	15.0
-20	33.5	16.5
-24	26.5	20.0
-32	13.5	39.0
-40	12.0	48.0
-48	9.5	59.0
-64	6.5	77.5

DOUBLE-LAYER ARMORLITE GROUND STRAP		
Size Code	Nom. Resistance mΩm/m	Braid Weight (g/m)
-12	26.0	20.0
-16	17.5	30.0
-20	17.0	66.0
-24	13.5	40.0
-32	7.0	78.0
-40	6.0	96.0
-48	5.0	118.0
-64	3.5	115.0

NOTES

- * AWG Equiv. based on total cross sectional area of braid conductors, not electrical performance.
- ** 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 12 inches, or ± 2% for lengths > than 12".
- Consult Glenair for Ground Straps with larger cross-sectional area and braid gauge
- Ground Straps identified with Glenair name, P/N, and date code, space permitting

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