

**At \$5000 Per Pound to LEO and Over \$10,000
Per Pound to GTO, Every Ounce of Weight
Saved is Literally Money in
the Bank!**

ARMORLITE™



**Conductively Plated, Ultra
Lightweight Stainless Steel
EMI/RFI Braiding Delivers EMC
Shielding from 40db to 80db
in Frequency Ranges from
100Khz to 2.5GHz**

High-Temperature Tolerant ArmorLite™ Reduces Weight in Shielded Interconnect Cables

ArmorLite™ is an expandable, flexible, high-strength, conductive stainless steel microfilament material designed for use as EMI/RFI shielding in high-performance interconnect cabling. The principal benefit of ArmorLite™ is its extreme light weight compared to conventional Tin/Copper shielding. By way of comparison, 100 feet of 5/8 inch ArmorLite™ is more than four pounds lighter than standard QQB A-A-59569 shielding. Plus ArmorLite™ offers superior temperature tolerance compared to lightweight non-metallic braiding such as AmberStrand®.

- Tensile Strength: 220,000 psi (min)
- Ultimate Elongation: 2.5% (min)
- Operating Temp: -80°C to +260°C
- Thermal Cycling: No Adverse Effects
- Flame: Self Extinguishing
- Specific Gravity: 8.2% (max)
- Flex Test: 50,000 Cycles
- Salt Spray: 500 Hours

GLENAIR, INC.

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Glenair®

ARMORLITE™

Lightweight EMI/RFI Microfilament Nickel Clad Stainless Steel Shielding

- 60% Lighter than QQB/A-A-59569
- Outstanding EMI/RFI Shielding and Conductivity
- Broader Temperature Range: -80°C to +260°C
- Highly Corrosion Resistant
- Superior Flexibility and “Windowing” Resistance



Specify Length on Purchase Order

ArmorLite™ 103-051 Compared to
Tinned Copper 100-001

Dash Number	Braid Diameter	ArmorLite™ 103-051	Tinned Copper 100-001	% Weight Savings per Foot
002	.062	.9	1.9	52%
004	.125	1.5	4.8	69%
008	.250	2.3	16.1	84%
012	.375	2.9	18.5	84%
016	.500	4.4	22.3	80%
020	.625	4.5	27.7	84%
024	.750	7.8	34.3	77%
032	1.000	11.6	35.0	67%

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