

BAND-MASTER™ ATS  
EMI/RFI Shield Termination System



The advanced termination system for interconnect cable shielding



- Fast, cost-effective cable shielding termination
- Precision hand-held tool and bands deliver reliable, repeatable performance
- Single piece stainless steel bands in various sizes and lengths
- Clamp both small and large diameters easily and reliably
- Pneumatic banding tool for high-speed mass production
- Qualified for both military and commercial aviation

The Band-Master™ ATS provides quick, easy, cost-effective and highly reliable termination of braided metallic shielding or fabric braid to connectors and backshells.

Band-Master™ ATS is the advanced termination system for interconnect cable shielding. The unique low profile and smooth inside diameter of the one-piece type 304 austenitic stainless steel clamping band virtually eliminates RFI/EMI/EMP leakage paths. The lock maintains constant tension under extreme environmental conditions. Band-Master™ ATS bands have passed severe shock, vibration and thermal cycle testing with negligible deterioration of shell conductivity.



BAND-MASTER™ ATS ADVANCED TERMINATION SYSTEM



Easy-to-use manual tools with built-in calibration counter



High-volume pneumatic tool for bench use



Save time and tool maintenance costs with the Glenair band tool calibration system

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| Band-Master™ ATS Manual Tool Selection |                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                        | <p><b>601-100 Hand Tool for Standard Bands</b></p> <p>The <b>601-100 Standard Band-Master™ ATS Tool</b> weighs 1.18 lbs., and is designed for standard flat .24" width clamping bands (601-005, 601-040 and 601-049) in a tension range from 100 to 180 lbs. Calibrate at 150 lbs. ± 5 lbs. for most shield terminations. Tool and band should never be lubricated.</p>     |
|                                        | <p><b>601-101 Hand Tool for Micro Bands</b></p> <p>The <b>601-101 Micro Band-Master™ ATS Tool</b> weighs 1.18 lbs., and is designed for micro .120" width clamping bands (601-024, 601-060 and 601-064) in a tension range from 50 to 85 lbs. Calibrate at 80 lbs ±5 lbs. for most shield terminations. Tool and band should never be lubricated.</p>                       |
|                                        | <p><b>601-108 Hand Tool for Nano Bands</b></p> <p>The <b>601-108 Nano Band-Master™ ATS Tool</b> weighs 1.18 lbs., and is designed for nano flat .075" width clamping bands (601-500, 601-504 and 601-508) in a tension range from 20 to 50 lbs. Calibrate at 50 lbs. ± 3 lbs. for most shield terminations. Tool and band should never be lubricated.</p>                   |
|                                        | <p><b>601-109 Hand Tool for Slim Bands</b></p> <p>The <b>601-109 Slim Band-Master™ ATS Tool</b> weighs 1.2 lbs., and is designed for slim standard flat .24" width clamping bands (601-570, 601-571, 601-572 and 601-573) in a tension range from 50 to 100 lbs. Calibrate at 100 lbs. ± 5 lbs. for most shield terminations. Tool and band should never be lubricated.</p> |

|                           | Band-Master™ ATS Band Selection |       |             |            |               |      |
|---------------------------|---------------------------------|-------|-------------|------------|---------------|------|
|                           | Length                          |       | Part Number |            | Fits Diameter |      |
|                           | in.                             | mm.   | Flat        | Pre-Coiled | in.           | mm.  |
| Short Standard Band       | 9.0                             | 228.6 | 601-005     | 601-006    | 1.0           | 25.4 |
| Medium Standard Band      | 14.0                            | 355.6 | 601-040     | 601-041    | 1.8           | 47.8 |
| Long Standard Band        | 18.0                            | 457.2 | 601-049     | 601-050    | 2.5           | 63.5 |
| Short Micro Band          | 5.0                             | 127.0 | 601-024     | 601-025    | 0.5           | 12.7 |
| Medium Micro Band         | 8.0                             | 203.2 | 601-060     | 601-061    | .88           | 22.4 |
| Long Micro Band           | 14.0                            | 355.6 | 601-064     | 601-065    | 1.8           | 47.8 |
| Short Nano Band           | 6.0                             | 152.4 | 601-500     | 601-501    | .60           | 15.2 |
| Medium Nano Band          | 9.0                             | 228.6 | 601-504     | 601-505    | .94           | 23.9 |
| Long Nano Band            | 14.0                            | 355.6 | 601-508     | 601-509    | 1.8           | 47.8 |
| Short Slim Standard Band  | 9.0                             | 228.6 | 601-570     | 601-571    | .94           | 25.4 |
| Medium Slim Standard Band | 14.25                           | 362.0 | 601-572     | 601-573    | 1.8           | 47.8 |

3 lengths and 3 widths of EMI braid termination bands plus new slim bands for size and weight savings—50% lighter and lower-profile than standard bands.