

**STRAP-16-50-PIM**

Strap Banding, PIM Free Acetal, 16" Length with Locking Head, Kit 50

The PIM-free strap banding is one of the key components in RFS Technologies' PIM mitigation solutions, which encompass a range of innovative and tested accessories designed to minimize or eliminate external Passive Intermodulation (PIM) at telecommunication sites. Constructed from Acetal Delrin, this tie wrap effectively prevents PIM caused by metal contacts while securely holding the cable hangers and other installation hardware in place. Its durable locking head mechanism, completed with double stainless steel locking barbs, provides consistent, reliable, high impact resistance fixations. Banding is available in various lengths including 16", 18" and 27", as well as a handy 50ft reel with a bag of locking heads for unique versatility and quick application.

**FEATURES / BENEFITS**

- Effectively substitute the metal strap or round member adaptor to reduce PIM effects
- Advanced material and optimal design guarantee the mechanical robustness of the product
- DuPont Delrin acetal resin combines toughness and creep, fatigue, wear, and abrasion resistance with stiffness and strength to replace metal
- Meets Telcordia TR-TSY-000789 industry guidelines for lashed cable support
- Fire rating UL94HB
- Cutting and tensioning tool sold separately

**Technical features****STRUCTURE**

|                            |  |                                      |               |                       |
|----------------------------|--|--------------------------------------|---------------|-----------------------|
| Product Line               |  | PIM Mitigation                       |               |                       |
| Product Type               |  | Installation Hardware                |               |                       |
| Installation Hardware Type |  | Round Member Adaptor                 | Strap Banding |                       |
| Coaxial Cable Type         |  | Coax Cables                          | Hybrid Cables | Elliptical Waveguides |
| Configuration              |  | 16" acetal banding with locking head |               |                       |

**ACCESSORIES**

|               |  |                                              |
|---------------|--|----------------------------------------------|
| Required Tool |  | : Acetal banding cutting and tensioning tool |
|---------------|--|----------------------------------------------|

**MECHANICAL SPECIFICATIONS**

|          |         |                                                      |
|----------|---------|------------------------------------------------------|
| Color    |         | Black                                                |
| Material |         | Delrin Acetal, Locking Head has Stainless Steel Pawl |
| Length   | mm (in) | 406 (16)                                             |
| Width    | mm (in) | 12.7 (0.5)                                           |

**TEMPERATURE SPECIFICATIONS**

|                          |         |                         |
|--------------------------|---------|-------------------------|
| Installation Temperature | °C (°F) | -30 to 60 (-22 to 144 ) |
| Operation Temperature    | °C (°F) | -40 to 85 (-40 to 185 ) |

**PACKAGING INFORMATION**

|                  |         |             |
|------------------|---------|-------------|
| Package Quantity |         | 50          |
| Weight per kit   | kg (lb) | 0.69 (1.51) |

**External Document Links**[Installation Instruction](#)**Notes**

Formula to determine amount of strapping required:



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■ Diameter (inches) x 3.14 + 4.5 inches, or, Diameter (mm) x 3.14 + 114mm