PRODUCT DATASHEET

STRAP-18-50-PIM

Strap Banding, PIM Free Acetal, 18" 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		18" (457mm) acetal banding with a 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)	457 (18)
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)	0.76 (1.68)

External Document Links

Installation Instruction

Notes

Formula to determine amount of strapping required:

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

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

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering