



Panduit Short Circuit Protection Solutions

Panduit® Pan-Steel® Self-Locking Cable Ties and the MS75 Metal Strapping System can now be used for cable management applications requiring short circuit protection. These Panduit short circuit solutions provide a significant cost advantage over conventional cable cleats by reducing material cost up to 75% while increasing labor efficiency as much as 300%.

Available in a variety of sizes, these solutions ensure cables remain contained in the event of a short circuit occurrence, minimizing disruption and damage to the facility. Pan-Steel® Self-Locking Cable Ties and the MS75 Metal Strapping System are engineered to withstand peak currents up to 112kA and can be used with a variety of ladder rack and cable tray styles. These Panduit short circuit solutions are designed to perform in a wide range of harsh environments, including industries such as Oil and Gas, Power Generation, Manufacturing, and Shipbuilding.

Substantial savings over conventional cleats!



Reduce Project Costs – Reduce Installation Time

- Up to **three times faster** installation over cable cleats
- Significant reduction in labor costs
- Up to **75% reduction** in material cost
- Simple and intuitive design leads to **increased productivity**

These Panduit short circuit solutions have been validated at third party test facilities in both the United States and Europe, to provide the utmost confidence, that these solutions will perform to specifications when needed.

To realize the maximum efficiency over conventional cable cleats, Panduit offers a range of high speed installation tools, designed to enable the installer to quickly and safely install these solutions. These tools are both rugged and reliable, ensuring the productivity needed to get the job done on time.

*Test Reports available upon request

Unified Physical Infrastructure

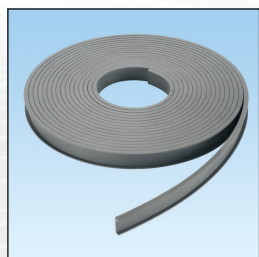


building a smarter, unified business foundation
Connect. Manage. Automate.

PANDUIT™
PANDUIT®

Stainless Steel Solutions for Short Circuit Protection

To provide optimum performance, the use of cushion sleeve is recommended, and maybe required in some applications.



Uncoated Stainless Steel Self-Locking Cable Ties – MLT Series

Part Number (See Note 1 Below)	Max. Bundle Diameters (In.)	Width (mm)	Peak Current (kA)*	Cable Tie Spacing (mm)	Minimum Cable Diameter (mm)
MLT#H-LP316	2.0, 4.0, 6.0, 8.0	7.9	30.0	300.0	29.5
MLT#DH-L316	2.0, 4.0	7.9	39.0	300.0	28.5
MLT#EH15-LP316	4.0, 6.0, 8.0	12.7	36.0	300.0	28.5
MLT#DEH15-Q316	4.0, 6.0, 8.0	12.7	46.5	300.0	28.5
MLT#SH-LP316	4.0, 6.0, 8.0	15.9	41.0	300.0	33.0
MLT#DSH-Q316	4.0, 6.0, 8.0	15.9	73.0	300.0	41.0
MLT#H-LP316	2.0, 4.0, 6.0, 8.0	7.9	24.0	600.0	29.5
MLT#DH-L316	2.0, 4.0	7.9	35.0	600.0	28.5
MLT#EH15-LP316	4.0, 6.0, 8.0	12.7	30.5	600.0	28.5
MLT#DEH15-Q316	4.0, 6.0, 8.0	12.7	46.0	600.0	28.5
MLT#SH-LP316	4.0, 6.0, 8.0	15.9	53.0	600.0	39.0
MLT#DSH-Q316	4.0, 6.0, 8.0	15.9	71.5	600.0	41.0

Polyester Coated Stainless Steel Self-Locking Cable Ties – MLTFC Series

Part Number (See Note 1 Below)	Max. Bundle Diameters (In.)	Width (mm)	Peak Current (kA)*	Cable Tie Spacing (mm)	Minimum Cable Diameter (mm)
MLTFC#H-LP316	2.0, 4.0, 6.0, 8.0	7.9	20.0	300.0	22.6
MLTFC#EH-LP316	2.0, 4.0, 6.0, 8.0	12.7	22.0	300.0	28.5
MLTFC#SH-LP316	4.0, 6.0, 8.0	15.9	28.0	300.0	28.5
MLTFC#EH-LP316	2.0, 4.0, 6.0, 8.0	12.7	17.5	600.0	28.5
MLTFC#SH-LP316	4.0, 6.0, 8.0	15.9	24.0	600.0	28.5

MS75 Stainless Steel Strapping

Part Number (See Note 1 Below)	Max. Bundle Diameters (In.)	Width (mm)	Peak Current (kA)*	Cable Tie Spacing (mm)	Minimum Cable Diameter (mm)
MS#W75T30-Q6	Single Loop – 4.0, 6.0, 8.0	19.1	87.0	300.0	42.0
	Double Loop^	19.1	112.0	300.0	42.0

^When double looped, same part #'s are used as for single loop, but maximum bundle diameter is reduced in half.

PCS Cushion Sleeve

Part Number	Material	Used with Pan-Steel® Ties	Description
PCSH-B-CR	Black Neoprene	MLT/LH/H	Cushion Sleeving, Heavy, 100' (30.5m) Long x .47" (11.9mm) Wide.
PCSSH-B-CR	Black Neoprene	MLT/EH/SH and MS Straps	Cushion Sleeving, Super-Heavy, 100' (30.5m) Long x .91" (23.1mm) Wide.
PCSLSH-B-CR	TPE Low Smoke, Halogen-Free, and Flame-Resistant	MLTEH/SH Ties/ Bandaging/Strapping	Cushion Sleeving, Extra-Heavy or Super-Heavy, 100' (30.5m) Long x 1.05" (8.4mm) Wide.

Note 1: # in part number above denotes maximum bundle diameter (In.); for example the part number MLT#H-LP316 would be MLT2H-LP316 when requesting a maximum bundle diameter of 2.0". For other materials and bundle diameters available, contact Panduit Customer Service.

*Results determined when using a combination of Panduit Self-Locking MLT ties and/or MS75 Straps with cushion sleeve.

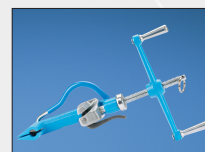
Installation Tools



GS4MT Hand Operated Installation Tool
for use with standard, light-heavy, and heavy cross section Pan-Steel® type MLT, MLTFC and MLTDH double wrapped ties.



PBMT Battery Powered Installation Tool
for use with Pan-Steel® heavy, extra-heavy, and super-heavy cross section MLT style ties.



BT75SDT Hand Operated Installation Tool
for use with MS75 strapping only.

For more information

Visit us at www.panduit.com

Contact Customer Service by email: cs@panduit.com
or by phone: 800.777.3300

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Printed in the U.S.A.
SSFL01--SA-ENG
3/2013

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