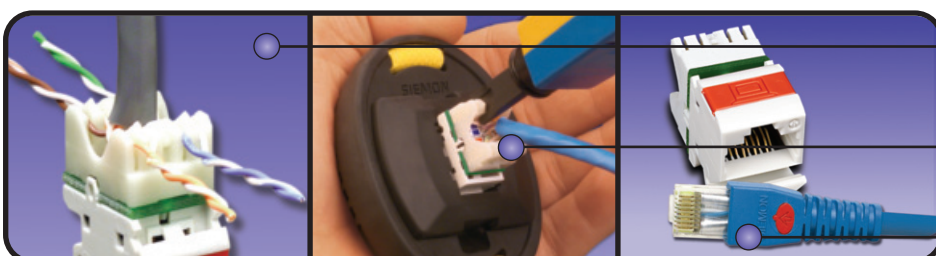# MAX® 6 MODULES

The MAX 6 module provides performance far exceeding category 6 connecting hardware performance specifications. It also insures backwards compatibility with components and systems of lower performing categories.

Installers and end users benefit from other rich features incorporated into the MAX 6 module. It's compact design is ideal for high density applications. Up to six modules can be utilized in a single gang faceplate and twelve modules in double gang faceplate. Also, the angled MAX 6 modules provide a gravity feed, low-profile design for the work area — greatly improving patch cord management in installations where clearance is at a minimum.

The flat MAX 6 modules are just as versatile — perfect for flush mount applications or with MAX series patch panels or surface mount (SM®) boxes. This solution makes it possible to configure a wide variety of mixed media solutions.

6

PATENTED

Allows installation from front or rear of faceplate

Rear protective strain relief caps with side or rear entry can be installed onto cable before or after termination (not shown)

Compatible with both T568A and T568B wiring options

Uses standard 110 single position termination tool

Slim design allows jacks to be side-stackable to provide high-density solutions

Protective doors are available to minimize exposure to dust and other contaminants

Compliant with the category 6 component, permanent link and channel requirements of ANSI/TIA-568 C.2

Compliant with the category 6 component and class E permanent link and channel requirements of ISO/IEC 11801 Ed2:2002

MAX 6 modules are available in many colors, ideal for color-coding

Pyramid™ Wire Entry System on S310® blocks separates paired conductors when lacing cables to simplify and reduce installation time
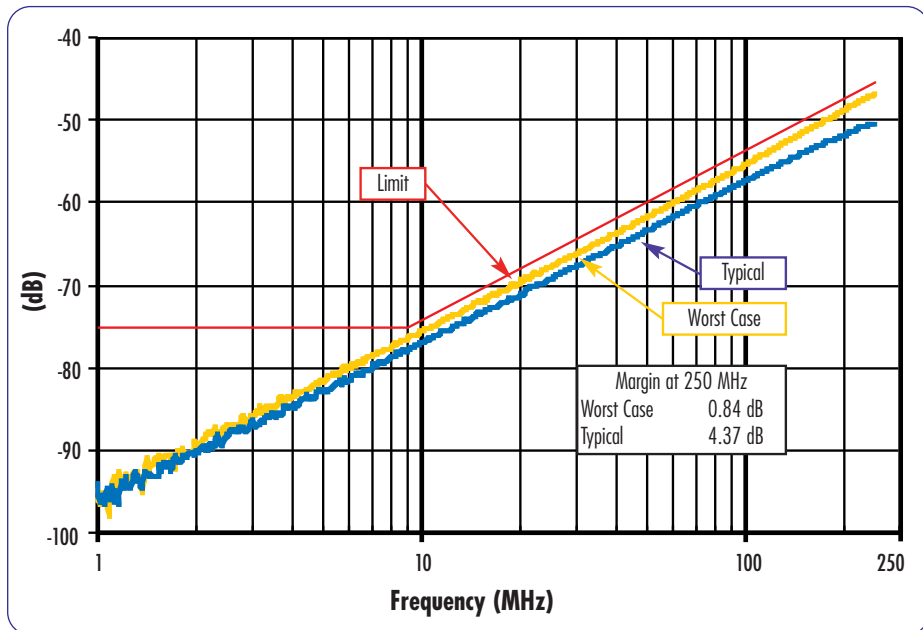
Siemon's Palm Guard with MAX 6 insert assists in securing module during termination

Use MC 6 modular cords to unlock the performance of Siemon MAX 6 modules

SIEMON™

PRODUCT INFORMATION

Test Data:
Near-End Crosstalk Performance:

Return Loss at 250 MHz (dB)

+ 6.9 dB Margin (Worst Case)
+ 8.3 dB Margin (Typical)

Limit | Worst Case | Typical

(Graph axis: 10, 12, 14, 16, 18, 20, 22, 24, 26)

Limit

Typical

Worst Case

Margin at 250 MHz	
Worst Case	0.84 dB
Typical	4.37 dB

(Graph) (dB) vs Frequency (MHz), axis -100 to -40, 1 to 250

FEXT Loss at 250 MHz (dB)

+ 2.1 dB Margin (Worst Case)
+ 5.1 dB Margin (Typical)

Limit | Worst Case | Typical

(Graph axis: 30, 32, 34, 36, 38, 40, 42, 44)

MAX® 6 Modules:

MX6-(XX) ....Angled module with T568A/B wiring, rear strain relief cap and protective color-matching rubber door

MX6-F(XX)....................Flat module with T568A/B wiring, rear strain relief cap

MX6-K(XX) ....Keystone module with T568A/B wiring and strain relief cap

MX6-(XX)   MX6-F(XX)   MX6-K(XX)

Use (XX) to specify color:
01 = black, 02 = white, 03 = red, 04 = gray, 05 = yellow, 06 = blue, 09 = orange,
20 = ivory, 25 = bright white, 80 = light ivory, 82 = alpine white
Add "-D" for color-matching door for flat version
B Add "B" to end of part number for bulk project pack of 100 modules
Angled and flat modules include one color-matching, one red, and one blue icon
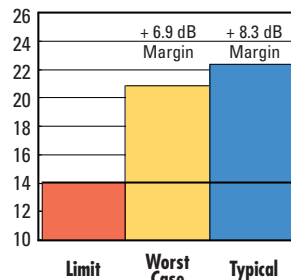Door color is clear for angled red, yellow, blue and orange modules, white for flat
Note: Keystone version is designed for integration with various international mounting products and not compatible with MAX mounting hardware

VP Add "VP" to end of part number for value pack option. Value pack is a kit of 250 jacks, doors, term caps and color matching icons. (Available in flat / angled only. Door only included with angled version.)
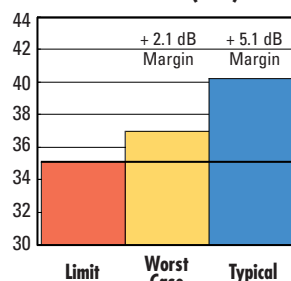
Attenuation at 250 MHz (dB)

+ .12 dB Margin (Worst Case)
+ .14 dB Margin (Typical)

Limit | Worst Case | Typical

(Graph axis: 0.1, 0.15, 0.2, 0.25, 0.3, 0.35)

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

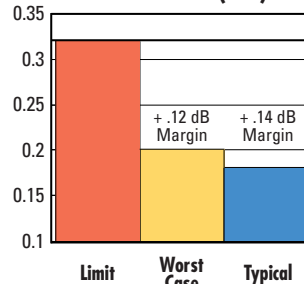*HD®, MC®, MAX® and S310® are trademarks of Siemon*

For related product information request Spec Sheet(s):
MAX Series Modular Mounting Frames (PROD-SS-MMT)
MAX Series Modular Faceplates (PROD-SS-MXF)
MAX Series Patch Panels (PROD-SS-MXP)
Termination Tools (PROD-SS-S78)

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