

MC[®] 5 Modular Cords

Siemon uses the highest quality components combined with stringent manufacturing processes to produce the best performing, most durable modular patch cords available. The end result is a cord that exceeds all TIA/EIA and ISO/IEC component specifications for transmission performance.

Additionally, Siemon transmission tests cords prior to shipment, ensuring that Siemon customers never receive a non-compliant cord.

Choose Siemon screened MC modular cords for a perfectly matched, end-to-end channel solution with unparalleled performance.



Siemon modular plugs exceed FCC CFR 47 part 68 subpart F and IEC 60603-7 specifications and have 50 microinches minimum of gold plating over nickel. The result is superior transmission performance and long-term resistance to corrosion from humidity, extreme temperatures, and airborne contaminants

24 AWG (7 strands @ 0.20mm) stranded wire for longer bend fatigue life



Siemon MC5[™] modular cords are constructed using high performance category 5e cable.

Flame retardant jacket

Category 5e compatible screened patch cords also available

Additional lengths available

Modular plug housing: Flame-retardant thermoplastic



MC[®] 5 series modular patch cords are available in black, white, red, gray, yellow, blue and green



The MC[®] 5 boot design incorporates a latch guard to protect the plug latch from snagging when pulling cords through pathways or cable managers



Technical Tip!

Factory terminated and tested modular cords are required to achieve consistent category 5e compatibility. Field termination is not recommended

Ordering Information

Category 5e Stranded Cable Specifications:

All MC® 5 assemblies are manufactured using cable that meets ANSI/TIA/EIA-568-B.2 requirements for category 5e stranded Cable.



Frequency (MHz)	Maximum INSERTION LOSS (dB/100 m)	Power Sum NEXT Loss (dB)
1 MHz	2.4	62.3
4 MHz	4.9	53.3
10 MHz	7.8	47.3
16 MHz	9.9	44.3
20 MHz	11.1	42.8
31.25 MHz	14.1	39.9
62.5 MHz	20.4	35.4
100 MHz	26.4	32.3

MC5™ Modular Cords:

- MC5-8-T(XX)-(XX).....Double-ended, 4-pair modular stranded cord, colored jacket, T568A/T568B wiring, no boot
- MC5-8T(XX)-B(XX)C.....Double-ended, 4-pair modular stranded cord, color matching jacket/boot, T568A/T568B wiring
- MC-BOOT(XX)-100.....Colored Boots (pack of 100)

Use 1st (XX) to specify cord length:
 03=.0.91m (3 ft.), 05=1.52m (5 ft.), 07=2.13m (7 ft.),
 10=3.05m (10 ft.), 15=4.57m (15ft.), 20=6.10m (20 ft.)

Use 2nd (XX) to specify jacket/boot color:
 01 = black, 02 = white, 03 = red, 04 = gray, 05 = yellow,
 06 = blue, 07 = green

Ⓢ Add "B" for bulk project pack of 100 modular cords
 Custom lengths are available upon request. Contact our Customer Service Department for more information

Note: MAX® 6, CT® 6, and HD® 6 products are backward compatible with our MC® 5 modular cords.

Solid IC5 Single-End Modular Cords:

- IC5-8T(XX).....IC5, single-ended, 4-pair solid cable assembly, T568A, gray jacket, no boot
- IC5-8A(XX).....IC5, single-ended, 4-pair solid cable assembly, T568B, gray jacket, no boot
- IC5-8T(XX)-B(XX).....IC5, single-ended, 4-pair solid cable assembly, T568A, gray jacket with colored boot
- IC5-8A(XX)-B(XX).....IC5, single-ended, 4-pair solid cable assembly, T568B, gray jacket with colored boot

Use 1st (XX) to specify cord length:
 10=3.05m (10 ft.), 20=6.10m (20 ft.), 30=9.1m (30 ft.),
 40=12.2mm (40 ft.), 50=15.2mm (50 ft.), 60=18.3mm (60 ft.)

Use 2nd (XX) to specify boot color: 01 = black, 02 = white,
 03 = red, 04 = gray, 05 = yellow, 06 = blue, 07 = green

Add "P" to end of part number for plenum cable option (blue jacket)

Custom lengths are available upon request. Contact our Customer Service Department for more information



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