

CATEGORY 5e 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.

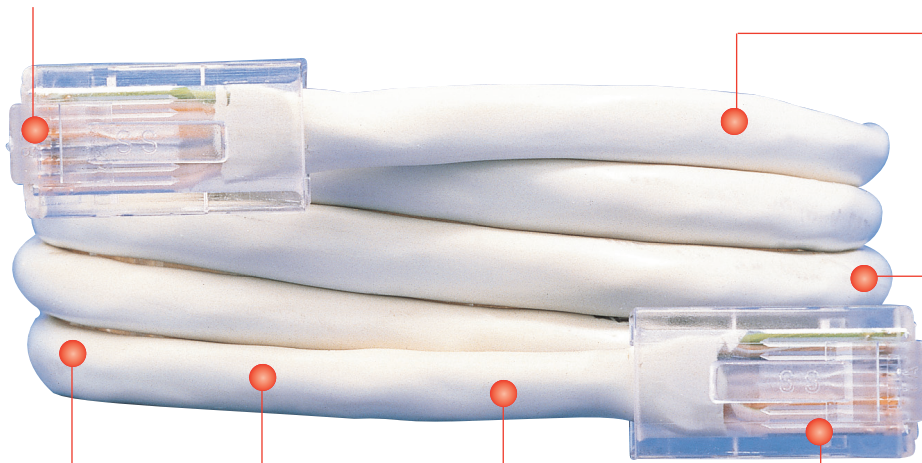
Choose Siemon MC modular cords for a perfectly matched, end-to-end channel solution with unparalleled performance.



PATCH CORDS, PLUGS & CABLE

Siemon modular plugs exceed ANSI/TIA-1096-A 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. Solid 24 AWG IC 5e cords are also available for consolidation point or equipment cord applications



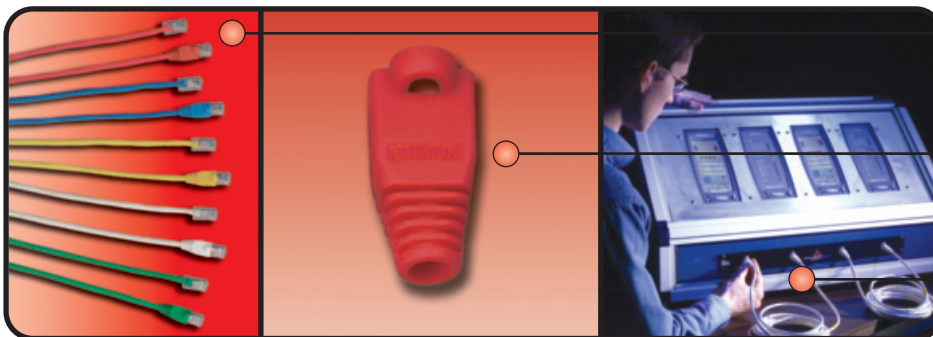
Flame retardant jacket

Modular plug housing: Flame-retardant thermoplastic

Siemon MC 5 modular cords are constructed using high performance category 5e cable.

Additional lengths available

Category 5e compatible screened patch cords also available



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

PRODUCT INFORMATION

Performance Specifications:

Frequency (MHz)	Maximum Insertion Loss	Typical Insertion Loss	Minimum Return Loss	Typical Return Loss	Minimum PS NEXT	Typical PS NEXT	Minimum PS ACR-F	Typical PSACR-F
1	2.4	2.16	20	27.54	62.3	77.15	60.8	79.75
4	4.9	4.43	23	34.66	53.3	68.62	48.8	67.97
10	7.8	7.07	25	37.57	47.3	60.33	40.8	60.07
16	9.9	8.96	25	36.46	44.2	55.36	36.7	55.75
20	11.1	10.03	25	36.53	42.8	56.43	34.8	53.98
31.25	14.1	12.57	23.3	35.11	39.9	56.9	30.9	50.31
62.5	20.4	17.9	20.7	36.33	35.4	48.47	24.9	43.68
100	26.4	22.75	19	27.16	32.3	47.37	20.8	38.68
250*	-	37.06	-	22.88	-	40.49	-	26.88
350*	-	44.71	-	18.61	-	38.28	-	26.6

*Performance for frequencies beyond TIA limits are for information only

MC 5 Modular Cords:

- MC5-8T-(XX)-B(XX)C.....Double-ended, 4-pair modular stranded cord, T568A/T568B wiring, color matching jacket/boot
- MC5-8-T-(XX)-(XX).....Double-ended, 4-pair modular stranded cord, T568A/T568B wiring, colored jacket, no boot
- 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 (15 ft.), 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

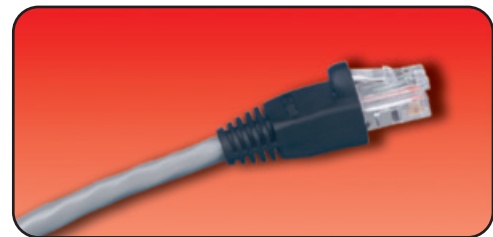
ⓑ Add "B" for bulk project pack of 100 modular cords
 Custom lengths are available upon request. Contact our Customer Service Department for more information
 Note: MAX® 6, CT® 6, and HD® 6 products are backward compatible with our MC 5 modular cords.

Solid IC5 Single-End Modular Cords:

- IC5-8T-(XX)R.....IC5, single-ended, 4-pair solid cable assembly, T568A, blue jacket, CMR, no boot
- IC5-8A-(XX)P.....IC5, single-ended, 4-pair solid cable assembly, T568B, blue jacket, CMR, no boot
- IC5-8T-(XX)-B(XX)P.....IC5, single-ended, 4-pair solid cable assembly, T568A, blue jacket, CMP, with colored boot
- IC5-8A-(XX)-B(XX)R.....IC5, single-ended, 4-pair solid cable assembly, T568B, blue jacket, CMP 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 = 12.2m (40 ft.), 50 = 15.2m (50 ft.), 60 = 18.3m (60 ft.)

Use 2nd (XX) to specify boot color: 01=Black, 02 = white,
 03 = Black, 04 = Gray, 05 = Yellow, 06 = blue
 Custom lengths are available upon request. Contact our Customer Service Department for more information



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