

# 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.

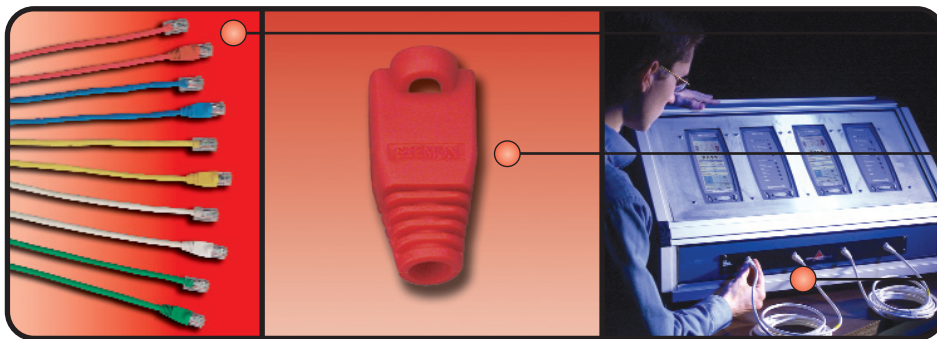
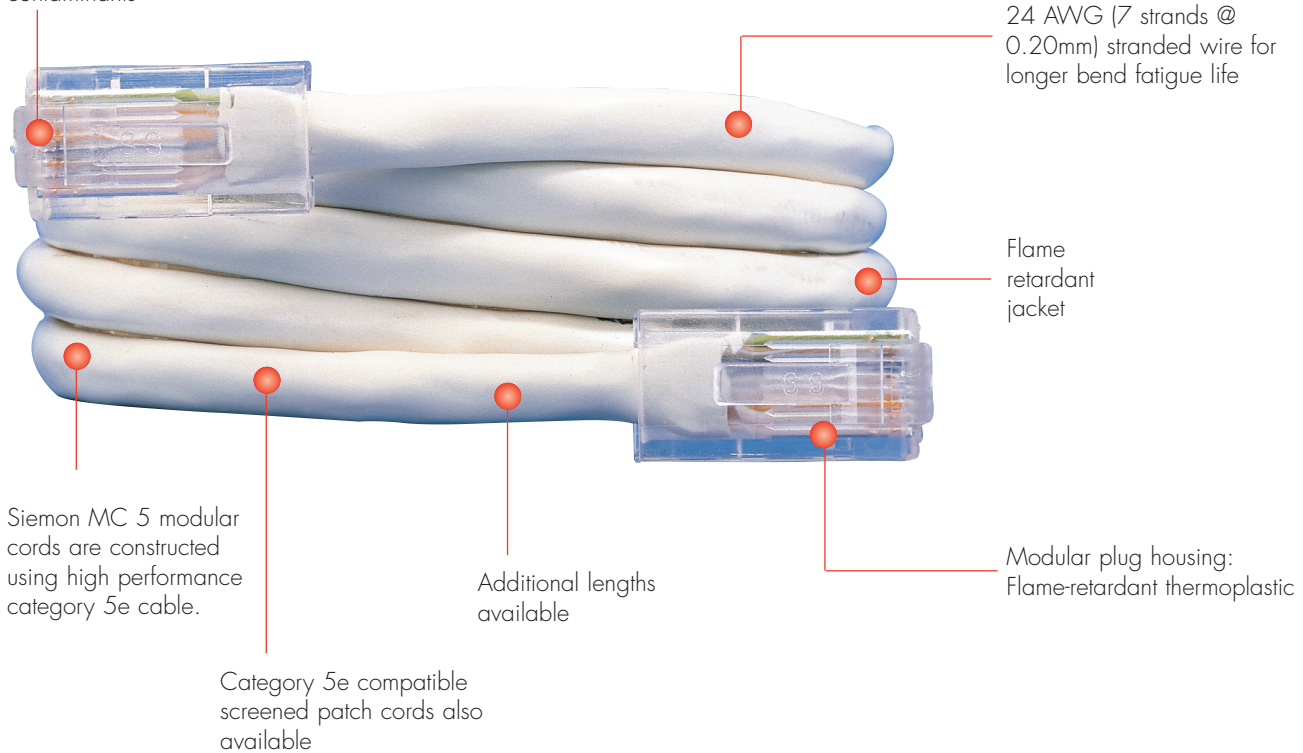
Additionally, Siemon transmission tests cords prior to shipment, ensuring that Siemon customers never receive a non-compliant cord.

Choose Siemon 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



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:

### Category 5e Stranded Cable Specifications:

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

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

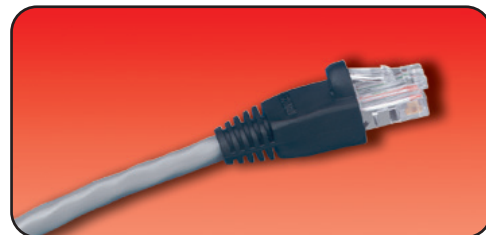
Ⓢ Add "B" for bulk project pack of 100 modular cords  
 Custom lengths are available upon request. Contact our Customer Service Department for more information  
 Note: MAX® 6, CT® 6, and HD® 6 products are backward compatible with our MC 5 modular cords.

### 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 = 12.2mm (40 ft.), 50 = 15.2mm (50 ft.), 60 = 18.3mm (60 ft.)

Use 2nd (XX) to specify boot color: 01=Black, 02 = white,  
 03 = 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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