



## MRJ21 1G Cabling Solutions

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### Modular Copper Cabling Solutions

The MRJ21 Connector System is a high-density, high-performance, modular copper cabling system designed to support any plug-and-play environment including data centers, zone cabled, or open office environments. The system includes PC board mounted solutions for network electronics as well as 24-pair cabling and patch panel solutions.

### Features

- MRJ21 provides a universal modular copper cabling platform for applications such as Gigabit Ethernet, VoIP, and Power over Ethernet
- The MRJ21 system's small footprint reduces cable bulk in pathways and conduits which is better for air circulation and equipment cooling in data centers; approximately 30% less area and 20% less weight than 4-pair cabling
- Field Installation is as simple as pushing on the connector and tightening 2 screws for consistent performance
- Factory terminated, tested, and serialized cable assemblies and panels ensure quality and reliability
- Cassettes and patch panels break out high performance 24-pair cables to the appropriate wiring patterns for standards based 10/100BASE-T, 10/100/1000BASE-T Gigabit Ethernet, and other applications
- Common sized cable assemblies are available for faster installation

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## Ordering Information

Description	Connector A	Connector B	Rating	Part Number	
MRJ21 Cable Assemblies	MRJ21 (180*)	MRJ21 (180*)	CMR (riser)	TMRJ-1SURG-SSOxxM	
			CMP (plenum)	TMRJ-1SUPB-SSOxxM	
	MRJ21 (180*)	MRJ21 (45*)	CMR (riser)	TMRJ-1SURG-SAOxxM	
			CMP (plenum)	TMRJ-1SUPB-SAOxxM	
	MRJ21 (180*)	6 RJ45 (GbE)	CMR (riser)	TMRJ-1SURG-SHOxxM	
	MRJ21 (45*)	MRJ21 (45*)	CMR (riser)	TMRJ-1SURG-AAOxxM	
MRJ21 (180*)	12 RJ45 (10/100 Base-T)	CMR (riser)	TRMJ-1SURG-SLOxxM		
MRJ21 Patch Panels	24-port 10/100/1000Base-T GbE		Standard	1777029-1	
			AMPTRAC	1777029-2	
	48-port 10/100/1000Base-T GbE (straight panels)		Standard	1435971-1	
			AMPTRAC	1777041-1	
	48-port 10/100Base-T		Standard	1435965-1	
			AMPTRAC	1777042-1	
	48-port 10/100/1000Base-T GbE (Angled panels)		Standard	1777052-1	
			AMPTRAC	1777053-1	
	Straight label holder panel				1777040-1
	Angled label holder panel				1777054-1
MRJ21 Cassettes	6-port cassette 10/100/1000Base-T GbE (4-pair)			1479459-1	
	12-port cassette 10/100Base-T (2-pair)			1479452-1	
	Cassette holder panel			1479451-1	
	Blank adaptor plate			1777046-1	



xxM denotes length in meters

Contact customer service for available lengths



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