MRJ21 1G Cabling Solutions

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 10/1OOBASE-T, 10/100/1000BASE-T Gigabit Ethernet, and other applications

- Common sized cable assemblies are available for faster installation

TE connectivity

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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-SS0xxM
			CMP (plenum)	TMRJ-1SUPB-SS0xxM
	MRJ21 (180*)	MRJ21 (45*)	CMR (riser)	TMRJ-1SURG-SA0xxM
			CMP (plenum)	TMRJ-1SUPB-SA0xxM
	MRJ21 (180*)	6 RJ45 (GbE)	CMR (riser)	TMRJ-1SURG-SH0xxM
	MRJ21 (45*)	MRJ21 (45*)	CMR (riser)	TMRJ-1SURG-AA0xxM
	MRJ21 (180*)	12 RJ45 (10/100 Base-T)	CMR (riser)	TRMJ-1SURG-SL0xxM
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

MRJ21 Cable Assemblies

MRJ21 Patch Panels

MRJ21 Cassettes

xxM denotes length in meters
Contact customer service for available lengths

DATA SHEET