



Fiber Optic Multiplexers Capabilities & Comparison Chart

	Function	TC1880	TC8000	TC8108	TC8116	TC8300	TC8510	TC8518	TC8520	TC8530	TC8800S/R
		Micro Fiber Optic Multiplexer	Analog, Intercom & Data Multiplexer	8 to 128 "Channel Stacker"	Multi-Interface Multiplexer	T1/E1 Multiplexer	T1/E1 Multiplexer w/ Ethernet Bridge	8 - 24 Ch T1/E1 Multiplexer w/ Ethernet Switch	Telephone, Data Multiplexer w/ Ethernet	Data & Ethernet Multiplexer	4 - 28 Ch Phone & Data Multiplexer
Optical Options	MM (850 or 1310nm)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	MM- 1Fiber (WDM)	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SM (1310 or 1550nm)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	SM - 1Fiber (WDM)	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Optical Redundancy	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Electrical Interfaces	Serial Data	RS-232	RS-232 / 422 / TTL	RS-232 / 422 / 485 / TTL	RS-232 / 422 / 485 / TTL	RS-232/422 / TTL	RS-232 / 422 / TTL	-	RS-232 / 422 / TTL	RS-232 / 422 / TTL	RS-232 / 422 / TTL
	Max. Baud Rate (bps)	Async or Sync: 56K	Async: 19.2K	Async: 32Ch 38.4K Async: 64Ch 19.2K Async: 128Ch 16K	Async or Sync: 38.4K	Serial Async: 56K	10/100 BaseTX: 10M RS-232: 120K Async 64K Sync RS-422: 1M	10/100 BaseTX: 100M Total Consol Port 9.6K	Phone: 300 ~ 3.4Khz, 10/100 BaseTX: 10M, Serial: 128K Async 64K Sync	10/100 BaseTX: 10M Serial: 128K Async 64K Sync	Telephone: 300 ~ 3.4Khz Serial: 19.2K
	PCM / PDH	-	-	-	-	T1/E1	T1/E1	T1/E1	-	-	-
	Voice & Audio	-	2 or 4 Wire Analog Leased Line (FSK Modem)	-	2 or 4 Wire Analog Leased Line (FSK Modem)	-	-	-	FXS/FXO 2 or 4 Wire Analog Leased Line (FSK Modem)	-	FXS/FXO 2 or 4 Wire Analog Leased Line (FSK Modem)
	Dry Contact Detector / Closure	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes



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	Channels	Async: 8 Ch Sync: 4	4 ~ 28	8 ~ 128	8 or 16	T1/E1: 1 ~ 4 Ch Serial: 4 ~ 8 Ch	T1/E1: 4 Ch 10/100 BaseTX: 1 Ch Serial: 4 Ch	E1: 4/8/16/20 Ch T1: 4/8/16/20/24 Ch 10/100 BaseTX: 3 Ch	Telephone: 1 ~ 4 Ch Serial: 4 Ch 10/100 BaseTX: 1 Ch	Serial: 4/8/12 Ch 10/100 BaseTX: 1 Ch	Telephone: 4 ~ 28 Ch Serial: 4 ~ 28 Ch
Temperature Options (Standard -10 ~ +50°C)	Hi-Temp (-20 ~ 70°C)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Extreme Temp. (-40 ~ 80°C)	-	-	-	-	-	Yes	Yes	Yes	Yes	-
Packaging Options	Pocket Rocket	RB/MB	-	-	-	-	-	-	-	-	-
	SA-Standalone	-	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes
	Rackmount Card	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes