

# Fiber Optics Selection Guide

DATA ONLY; VIDEO ONLY; VIDEO AND DATA; VIDEO, AUDIO, AND DATA



FT8104 SERIES



FT8301A SERIES (MINI)



FT85041 SERIES



FT106011 SERIES

	Channels	Mode	Connector Type	Transmitter	Receiver	
Data Only	1	Multimode	ST	FT8101AMSTR	FR8101AMSTR	
		Single-mode	ST	FT8101ASSTR	FR8101ASSTR	
			FC	FT8101ASFSCR	FR8101ASFSCR	
	4 Data, 4 Contact Closures	Multimode	ST	FT8104MSTR	FR8104MSTR	
		Single-mode	ST	FT8104SSTR	FR8104SSTR	
			FC	FT8104SFSCR	FR8104SFSCR	
Video Only	1 (Mini)	Multimode	ST	FT8301AMSTR	—	
		Multimode Ext. Dist.	ST	FT8301AMSTE	—	
		Single-mode	ST	FT8301ASST	—	
			FC	FT8301ASFC	—	
	1	Multimode	ST	FT8301AMSTR	FR8301AMSTR	
		Multimode Ext. Dist.	ST	FT8301AMSTRE	FR8301AMSTRE	
		Single-mode	ST	FT8301ASSTR	FR8301ASSTR	
			FC	FT8301ASFSCR	FR8301ASFSCR	
	2	Multimode	ST	—	FR8302AMSTR-2	
		Multimode Ext. Dist.	ST	—	FR8302AMSTRE-2	
		Single-mode	ST	—	FR8302ASSTR-2	
			FC	—	FR8302ASFSCR-2	
	4	Multimode	ST	FT8304MSTR	FR8304MSTR	
		Single-mode	ST	FT8304SSTR	FR8304SSTR	
			FC	FT8304SFSCR	FR8304SFSCR	
			FC	FT8304SFSCR	FR8304SFSCR	
	8	Multimode	ST	FT8308MSTR	FR8308MSTR	
		Single-mode	ST	FT8308SSTR	FR8308SSTR	
			FC	FT8308SFSCR	FR8308SFSCR	
			FC	FT8308SFSCR	FR8308SFSCR	
	16	Multimode	ST	FT8316MSTR	FR8316MSTR	
		Single-mode	ST	FT8316SSTR	FR8316SSTR	
			FC	FT8316SFSCR	FR8316SFSCR	
			FC	FT8316SFSCR	FR8316SFSCR	
	32	Single-mode	ST	FT8332MSTR	FT8332MSTR	
		Multimode	ST	FT8332SSTR	FT8332SSTR	
			ST	FT8332SSTR	FT8332SSTR	
			ST	FT8332SSTR	FT8332SSTR	
Video and Data	1 Video, 1 Data (for Spectra III/IV and ExSite)	Multimode	ST	FS85011AMST	—	
		Single-mode	ST	FS85011ASST	—	
			FC	FS85011ASFC	—	
	1 Video, 1 Data	Multimode	ST	FT85011AMSTR	FR85011AMSTR	
		Single-mode	ST	FT85011ASSTR	FR85011ASSTR	
			FC	FT85011ASFSCR	FR85011ASFSCR	
	4 Video, 1 Data	Multimode	ST	FT85041MSTR	FR85041MSTR	
		Single-mode	ST	FT85041SSTR	FR85041SSTR	
			FC	FT85041SFSCR	FR85041SFSCR	
	8 Video, 1 Data	Multimode	ST	FT85081MSTR	FR85081MSTR	
		Single-mode	ST	FT85081SSTR	FR85081SSTR	
			FC	FT85081SFSCR	FR85081SFSCR	
	Video, Audio, and Data	1 Video (8-Bit), 2 Audio, 1 Data, 1 Contact Closure	Multimode	ST	FT86011MSTR	FR86011MSTR
			Single-mode	ST	FT86011SSTR	FR86011SSTR
				FC	FT86011SFSCR	FR86011SFSCR
		1 Video (10-Bit), 2 Audio, 1 Data, 1 Contact Closure	Multimode	ST	FT106011MSTR	FR106011MSTR
Single-mode			ST	FT106011SSTR	FR106011SSTR	
			FC	FT106011SFSCR	FR106011SFSCR	
			FC	FT106011SFSCR	FR106011SFSCR	
			FC	FT106011SFSCR	FR106011SFSCR	

# Fiber Optics Selection Guide

## ETHERNET



FX82012 SERIES



FT82011 SERIES

	10Base-T/ 100Base-TX Ports	100Base-FX Fiber Ports	Number of Fibers	Mode	Connector Type	Model Number	
Unmanaged Ethernet Switch	1	2	2	Multimode	ST	FX82012MSTR-2	—
					SC	FX82012MSCR-2	—
				Single-mode	ST	FX82012SSTR-2	—
					SC	FX82012SSCR-2	—
	4	1	1	Multimode	ST	FT82041MSTR-1	FR82041MSTR-1
					SC	FT82041MSCR-1	FR82041MSCR-1
				Single-mode	ST	FT82041SSTR-1	FR82041SSTR-1
					SC	FT82041SSCR-1	FR82041SSCR-1
	5	1	2	Multimode	ST	FX82051MSTR-2	—
					SC	FX82051MSCR-2	—
				Single-mode	ST	FX82051SSTR-2	—
					SC	FX82051SSCR-2	—
	5	2	2	Multimode	ST	FX82052MSTR-2	—
					SC	FX82052MSCR-2	—
Single-mode				ST	FX82052SSTR-2	—	
				SC	FX82052SSCR-2	—	
5	2	4	Multimode	ST	FX82052MSTR-4	—	
				SC	FX82052MSCR-4	—	
			Single-mode	ST	FX82052SSTR-4	—	
				SC	FX82052SSCR-4	—	
5	—	—	—	—	SX8205R	—	
Ethernet Media Converter	1	1	1	Multimode	ST	FT82011MSTR-1	FR82011MSTR-1
					SC	FT82011MSCR-1	FR82011MSCR-1
				Single-mode	ST	FT82011SSTR-1	FR82011SSTR-1
					SC	FT82011SSCR-1	FR82011SSCR-1
	1	1	2	Multimode	ST	FX82011MSTR-2	—
					SC	FX82011MSCR-2	—
Single-mode	1	2	Single-mode	ST	FX82011SSTR-2	—	
				SC	FX82011SSCR-2	—	