

8-Port 10/100 Industrial Managed Switch with (1) or (2) Fiber Ports

SF7085xM

Product Models

Model	Fiber Port	Wavelength	Tx Power (dBm)	Rx Sens. (dBm)	Rx Max. (dBm)
SF70853M	(1) MM, ST, 2km	1310nm	-19 ~ -14	-31	-14
SF70854M	(1) MM, SC, 2km	1310nm	-19 ~ -14	-31	-14
SF70855M	(1) SM, SC, 20km	1310nm	-15 ~ -8	-30	-7
SF70855M-SFA	(1) SM, SC, 20km (Single Fiber)	Tx: 1310nm Rx: 1550nm	-14 ~ -8	-31	0
SF70855M-SFB	(1) SM, SC, 20km (Single Fiber)	Tx: 1550nm Rx: 1310nm	-14 ~ -8	-31	0
SF70853M2	(2) MM, ST, 2km	1310nm	-19 ~ -14	-31	-14
SF70854M2	(2) MM, SC, 2km	1310nm	-19 ~ -14	-31	-14
SF70855M2	(2) SM, SC, 20km	1310nm	-15 ~ -8	-30	-7
SF7085BM2	(1) MM, SC, 2km (1) SM, SC, 20km	1310nm 1310nm	-20 ~ -14 -15 ~ -8	-31 -30	0 -7
SF70855M2-SFA	(2) SM, SC, 20km (Single Fiber)	Tx: 1310nm Rx: 1550nm	-14 ~ -8	-31	0
SF70855M2-SFB	(2) SM, SC, 20km (Single Fiber)	Tx: 1550nm Rx: 1310nm	-14 ~ -8	-31	0

Technical Specifications

Standards:	IEEE 802.3 10Base-T, 802.3u 100Base-TX, 100Base-FX
Network Ports:	(8) 10/100 Copper Ports (RJ-45) with Auto-Negotiate, Auto-MDI/MDI-X (2) 100Mbps Fiber Ports (Model Dependent) Ports 7 & 8 provide dual connectivity, either copper or fiber
Network Cables:	10Base-T: Cat.3, 4, 5 or higher up to 100 meters 100Base-TX: Cat.5 up to 100 meters 100Base-FX: 50/125, 62.5/125 MM Fiber, 9/125 SM Fiber
MAC Address Table:	1K Entries
Management Support:	SNMP MIB-II and private MIB, telnet, web-based, event traps
VLAN:	Port-Based VLAN, 802.1Q Tag-Based VLAN
QoS:	Port-Based, 802.1p-Based, DSCP-Based, IP Match-Based
LED Indication:	Per Unit: Power, Management Per 10/100M Port: Link/Activity, 100M, Duplex/Collision status Per Fiber Port: Link/Activity Status
Relay Output:	Alarm: Power Failure Interface: 2 terminal contacts Spec: 30VDC/1A max. or 120VAC/0.5A max.
DC Power Input:	Screw terminal block: 2 pairs of +/- contacts DC Jack: +7 ~ +30VDC (-D 6.3mm / +D 2.0mm)
Power Consumption:	7.3W max.
Dimensions:	5.51 x 4.17 x 1.57 inches (WxDxH)
Environment:	Operating Temperature: -20° C ~ +70° C Storage Temperature: -20° C ~ +85° C Relative Humidity: 5% to 95% non-condensing