

SO-SFP-100BASE-T

SFP, 10/100Base-T, 100m, RJ45

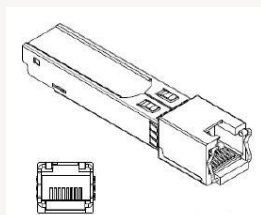
OVERVIEW

The SO-SFP-100BASE-T is a transceiver with a high-performance integrated duplex data link for bidirectional communication over copper cable. It is specifically designed for high speed communication links that require 10- or 100-Megabit Ethernet over LAN cable.

SO-SFP-100BASE-T is a solution for 10/100 Mbps Ethernet connections within racks and across adjacent racks where the interconnected equipment uses SFP interfaces instead of RJ45.

TECHNICAL DATA

Technology	Grey SFP
Transmission media	Electrical (1x RJ45)
Typical reach	100m
Interface standards	100BASE-TX IEEE 802.3 10BASE-TX IEEE 802.3
Protocols	Eth: 100M Ethernet 10M Ethernet
Temperature range	0°C to +70°C
Power consumption	< 1W



Note: Transceivers with a manufacturing date Nov 2019 or more recent also supports half-duplex configurations.

Distance	1000BASE-T	100m ¹⁾
	10BASE-T	100m ¹⁾
Misc. features	Autoneg	
DDM	No	
MSA compliance	SFP MSA	

¹⁾ Using CAT 5 cable or better

Regulatory compliance

EMC CE	EN 55022:2010 EN 55024:2010
UL/Safety	UL 60950-1
FCC	47 CFR PART 15 OCT, 2013
RoHS	RoHS 6
TUV	EN 60950-1:2006+A11+A12+A2

Storage temp.	-40°C to +85°C
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ORDERING INFORMATION

Part number	Description
SO-SFP-100Base-T	SFP, 10/100Base-T, 100m, RJ45

DEFINITIONS

Technology:	Grey; Transceiver type for non-WDM applications. Electrical or optical.
Transmission Media:	Type of fiber, e.g. Multimode (MM) or Singlemode (SM). Number of and connector type within brackets (e.g. 2x LC, 1x MPO).
Typical reach:	Nominal distance performance.
Bit rate range:	Supported bit rate range in Gigabit or Megabit per second (Gbps or Mbps).
Protocols:	Protocols within supported bit rate range.
Interface standards:	Referenced interface standards e.g. IEEE 802.3 standard for 10GbE services.
Temperature range:	Max operating case temperature range. Standard temperature range: typically 0°C to +70°C (32°F to +158°F) Extended temperature range (E-temp): typically -20°C to +75°C (-4°F to +167°F) Industrial temperature range (I-temp): -40°C to +85°C (-40°F to +185°F)
Power consumption:	Worst case power consumption.
DDM:	Digital Diagnostic Monitoring functionality as defined in SFF-8472 MSA.

Subject to change without notice.

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