

SFP-10G-T-SY

10GBASE-T SFP+, 30 m over CAT6/CAT7, RJ45 TRANSCEIVER

1. FEATURES AND SPECIFICATIONS

- ▶ Form Factor: **SFP**
- ▶ Operating Data Rate: **10G**
- ▶ Protocol(s): **10GE**
- ▶ Cable Type: **Cat6, Cat7**
- ▶ Nominal Distance: **30 m**
- ▶ Connector: **RJ45**
- ▶ Temperature Range: **0 to +70°C**
- ▶ Compliance: **SFP+ MSA**
- ▶ Power Dissipation: **1.05 W**
- ▶ Full metallic enclosure for low EMI

2. ABSOLUTE CHARACTERISTICS

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT
SIGNAL INPUT VOLTAGE	V_{IN}	0	-	4.3	V
POWER SUPPLY VOLTAGE	V_{CC}	-0.5	-	4	V
OPERATING TEMPERATURE	T_{CASE}	0	-	+70	°C
STORAGE TEMPERATURE	T_S	-40	-	+85	°C

3. ELECTRICAL OPERATING CONDITIONS

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT
SUPPLY CURRENT	I_{CC}	-	-	0.35	A
SUPPLY VOLTAGE	V_{CC}	3.13	3.3	3.47	V
SURGE CURRENT	I_{SURGE}	-	-	0.03	A

4. ORDERING INFORMATION

PART NAME	DESCRIPTION
SFP-10G-T-SY	10GBase T SFP, 30 m over Cat7, RJ45, speeddy

5. COMPATIBILITY

ALCATEL-LUCENT ENT. (SFP-10G-T), ALLIED TELESIS (AT-SP10T), ARISTA NETWORKS (SFP-10G-T), ARUBA NETWORKS/HP NETWORK (813874-B21), AVAYA/NORTEL (AA1403043-E6), BAROX (AC-SFP+-T), BROCADE/RUCKUS (10G-SFPP-SR), CAMBIUM NETWORKS (SFP-10G-COPPER), CIENA/NORTEL (NTP30CFE6), CISCO SYSTEMS (SFP-10G-T-X), CISCO/MERAKI (MA-CBL-TA-3M), COMNET (SFP-49), DELL (407-BBOU, 407-BBWL, 407-BBWT, SFP-10G-T-MG-30M), DELL/FORCE10 (GP-10GSFP-T), DELOCK (86460), D-LINK (DEM-CB700S), EDGE CORE (ET5402-SR), EXTREME (10307, 10338), FLUKE NETWORKS (OPVXG-SFP-PLUS-LR), FORTINET (FN-TRAN-SFP+GC, FS-TRAN-SFP+GC, SP-CABLE-ADASFP+), FUJITSU (ETVHVJ-L), GIGAMON (SFP-10G-RJ45), HUAWEI (SFP-10G-DAC5M), INFORTREND (10GBASE-T), INTEL (E10GSFSPSR), JUNIPER (EX-SFP-10GE-DAC-1M, JNP-SFPP-10GE-T, SFPP-10G-T), KEMP TECHNOLOGIES (LM-SFP-SR), LANCOM (FP-CO1_10), MIKROTIK (S+RJ10), MSA (SFP-10G-T), MYRICOM (SFP-10G-T), NET INSIGHT (NPA0077-LRD1), NETGEAR (AXM765), NOVIFLOW (400000519), NVIDIA/MELLANOX (MC3309130-001), PALO ALTO NETWORKS (PAN-SFP-PLUS-10GBASE-T), QLOGIC (SFP10-SR-SP), QNAP (10G-T), RAD (SFP-P-13), SONNET TECHNOLOGIES (G10-SFP-T), SOPHOS (ASF-10G-T), STARTECH (SFP10GBTST), SUPERMICRO (AOM-AQS-107-B0C2-CX), UBIQUITI NETWORKS (UF-RJ45-10G)

6. WARNINGS AND SECURITY INFORMATION



This equipment has been tested according to European legislation and has been found safe, non-intervening with other electronic devices and is not subject to interference from other electronic devices



Hazardous Goods; our products are fully compliant with Directive 2011/65/EU (RoHS II) and 2002/95 EC (RoHS I)



Only (dis)connect the transceivers in an ESD Protected Area while using certified equipment and taking all necessary precautions as specified in IEC 61340-5-1.

7. DISCLAIMER AND LEGAL NOTICES

Speeddy makes no warranties or representations, expressed or implied, of any kind relative to the information or any portion thereof contained in this document or its adaptation or use, and assumes no responsibility or liability of any kind, including, but not limited to, indirect, special, consequential or incidental damages, for any errors or inaccuracies contained in the information or arising from the adaptation or use of the information or any portion thereof. The information in this document is subject to change without notice. Speeddy and the Speeddy logo are registered trademarks of renewtech B.V. All other trademarks are acknowledged as registered trademarks and proprietary to their respective owners. Copyright © 2023 renewtech B.V., Dutch Chamber of Commerce no. 75699877, all rights reserved. For more information visit www.speeddy.com