



Eaton N785-INT-SC-SM

Gigabit Singlemode Fiber to Ethernet Media Converter, 10/100/1000 SC, 1310 nm, 20 km (12.4 mi.)

□□□□

PRODUCT NAME	Eaton Tripp Lite series media converter
CATALOG NUMBER	N785-INT-SC-SM
UPC	037332236364
PRODUCT LENGTH/DEPTH	2.76 in
PRODUCT HEIGHT	1 in
PRODUCT WIDTH	3.7 in
PRODUCT WEIGHT	0.377 lb
COMPLIANCES	RoHS FCC Compliant CE Marked

TYPE	Fiber to Ethernet
ACCESSORIES	External Power Supply (Input: 100-240V, 50/60Hz, 0.35A; Output: 5V/2A)
AC POWER ADAPTER PLUG(S)	AS/NZS 3112 Australia BS 1363 UK CEE 7/16 Schuko NEMA 1-15P North America
COLOR	Black
PACKAGE CONTENTS	N785-INT-SC-SM Gigabit Singlemode Fiber to Ethernet Media Converter, 1310 nm, 20 km (4) International plug adapters (North America, U.K., Europe, Australia) International power supply (Input: 100–240V) Owner's manual
SYSTEM REQUIREMENTS	Singlemode SC fiber optic cabling up to 20 km (12.4 mi.) Gigabit Ethernet network
IEEE STANDARDS SUPPORTED	802.3z 802.3u 802.3ab
PRODUCT FEATURES	Wavelength Division Multiplexing (WDM) Auto MDIX Support
NETWORK SPEED	1 Gbps (Gigabit) 1000 Mbps (Gigabit)
PRODUCT HIGHLIGHTS	Extends your copper Gigabit Ethernet network past the standard 100 m limit Includes North America, U.K., Europe and Australia plug adapters RJ45 jack supports auto- MDI/MDIZ to bridge various network devices Supports both full- and half-duplex operation Supports singlemode fiber optic cable with SC connectors
NETWORK SPEED DETAILS	1000 Mbps (Gigabit)
PACKAGING TYPE	Box
EXTERNAL POWER SUPPLY CERTIFICATIONS	CE TUV cUL

	UL GS FCC PSE CCC
SIDEA CONNECTOR1	RJ45 (FEMALE)
SIDEB CONNECTOR1	SC DUPLEX (FEMALE)
DC BARREL PLUG	OD: 5.5 x 2.1 x 7.5 mm, positive pin, negative sleeve
HOST CONNECTOR	RJ45 (FEMALE)
TECHNOLOGY	Cat5/5e Cat6 Cat6a Singlemode
FEATURES	Flex Center
OPERATING TEMPERATURE RANGE	32° to 122°F (0° to 50°C)
RELATIVE HUMIDITY	5% to 90% RH, Non- Condensing
STORAGE TEMPERATURE	-4° to 158°F (-20° to 70°C)
TRANSMISSION RANGE	20 km
AC POWER ADAPTER INPUT SPECS (V / HZ / A)	100-240V / 50/60HZ / 0.35A
AC POWER ADAPTER OUTPUT SPECS (V / A)	5V / 2A
AC POWER ADAPTER CORD LENGTH	4.5 ft
CABLE COLOR	Black
ADAPTER	Input: 100-240V, 50/60Hz, 0.35A; Output: 5V, 2A
HOUSING	Metal
LED INDICATORS	DUP (UTP port duplex LED), FP-Link (Fiber port link status LED), PWR (Power LED), TX/RX (UTP Port link status LED), 1000 (UTP port speed LED)
DATA TRANSFER RATE	1 Gbps
WAVELENGTH	1310 nm
MODE	Singlemode
NETWORK PORTS	RJ45 (FEMALE) SC (FEMALE)
OPTICAL PORT	SC
INPUT POWER SOURCE TYPE	AC Adapter
OPERATING MODE	Full/Half Duplex

PROJECT NAME:
PROJECT NUMBER:
PREPARED BY:



 Eaton House
30 Pembroke Road
Dublin 4,
Eaton.com

© 2025

Follow us on social media to get the latest product and support information.

