VOLKTEK

NGF-763

10/100/1000 RJ45 to 100FX/1000BASE-X SFP Converter, Slim Aluminum Case

Description

The NGF-763 is among VOLKTEK's answers to expanding existing Gigabit Ethernet networks. The easy implementation and expansion of 1000BASE-TX/1000BASE-X networks can be further assured with this converter.

The converter is completely transparent when connected, meaning that network performance remains unchanged, except that with the NGF-763 connected the network can now combine copper and fiber cabling. Added flexibility is available with a SFP connector. Extra distances are possible with the single mode version delivering up to 80km connectivity per transmitted segment. The NGF-763 allows the installation fiber cabling anywhere within a Fast Ethernet network topology by directly connecting to existing devices. Its compact modular design facilitates deployment in a narrow desktop location to save space.

RoHS CE FC 0°C 50°C Auto mdi/mdix Plug & Play Auto Negotiation

Features

- Automatic MDI/MDI-X
- Auto-negotiation, NWay support on RJ-45
- LEDs for at-a-glance device status
- Small form-factor

Specifications

Standards	
IEEE 802.3	10BASE-T
IEEE 802.3u	100BASE-TX
IEEE 802.3ab	1000BASE-T
IEEE 802.3z	1000BASE-X
Ports	
Ports	1 x 10/100/1000BASE-T (RJ-45) 1 x 100/1000BASE-X (SFP)
Maximum Distances	
RJ45	100 meters
SFP	Fiber Optic Up to 110km based on SFP types
LEDs	
PWR	Normal power (Green)
LNK/ACT	When receiving/transmitting packets (Green)
1000	When both sides (copper and fiber) link at 1000Mbps (Green)
100	When both sides (copper and fiber) link at 100Mbps (Green)
Power	
Input Voltage	12V DC
Current	Current 0.23A@12V
Power Consumption	2.8W
Connector Type	DC Jack
Mechanical & Environmental	
Housing	Metal Case
Operating temperature	0°C to 50°C
Storage temperature	-25°C to 70°C
Operating humidity	10% to 80% RH
Storage humidity	5% to 90% RH
Weight	180g
Dimension (WxHxD)	86.2 x 23.4 x 59.4 mm (W x H x D)

Safety & Emissions	
EMC	FCC Part 15 of Class A & CE Approved
Ordering Information	
NGF-763	10/100/1000BASE-TX to 100FX/1000BASE-X SFP Mini Media Converter

**Specifications subject to change without notice.*