

# NGF-763

## 100/1000 RJ45 to 100FX/1000BASE-X SFP Converter

### 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 (depends on SFP module). 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**


### 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 802.3u	100BASE-TX/FX
IEEE 802.3ab	1000BASE-T
IEEE 802.3z	1000BASE-X
Interface	
Ports	1 x 100/1000BASE-T (RJ45) 1 x 100/1000BASE-X (SFP)
LED Panel	PWR, LNK/ACT, 1000,100
Fiber Optics	
Model Name	NGF-763
Connector Type	 SFP
Interface Type	100FX/1000Base-X
Fiber Mode	(Depends on SFP module)
Distance	Up to 80km (Depends on SFP module)
Features	
Performance	Mode: Cut-through

Power	
Input Voltage	12VDC
Power Consumption	1.6W
Connector Type	DC Jack
Mechanical & Environmental	
Housing	Metal (IP30 Protection)
Mounting	Wall-Mount
Operating temperature	0°C~50°C (32°F~122°F)
Storage temperature	-25°C~70°C (-13°F~158°F)
Operating humidity	10 to 80% RH (non-condensing)
Storage humidity	5 to 90% RH (non-condensing)
Weight	180 g (0.4 lb)
Dimension (WxHxD)	86.2 x 23.4 x 59.4 mm (3.4 x 0.92 x 2.34 in)
Safety & Emissions	
EMC	FCC Part 15 of Class A & CE Approved
Ordering Information	
NGF-763	100/1000BASE-TX to 100FX/1000BASE-X SFP Mini Media Converter

\*Specifications subject to change without notice.

### Dimension

