

## MEDIA CONVERTERS GIGABIT 10/100/1000M



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NEXCONEC® 10/100/1000M media converter transforms the transmission media of Ethernet signal from twisted pair to optical fiber. It can extend the transmission distance from 550m to hundred kilometers. Using media converter is an economical solution to achieve long distance transmission based on traditional networking equipment.

### FEATURES

- ✓ Data rate up to 1.4Gbps
- ✓ SC/ST connection in standard, available in LC connection with SFP transceiver
- ✓ Support link fault pass through function
- ✓ LED display for working modes
- ✓ Transmission distance up to 120KM
- ✓ Support EEPROM configuration (optional)

### STANDARDS

- ✓ IEEE802.3i Ethernet standard
- ✓ IEEE802.3y Fast Ethernet standard
- ✓ IEEE802.3ab Fast Ethernet standard
- ✓ IEEE802.3z standard

## SPECIFICATIONS

Parameters	Value
<b>Connector</b>	STP RJ45 Connector Optical SC/ST/LC
<b>Wavelength vs. Transmission Distance</b>	MM: 850nm, (550M) MM: 1300nm, (2Km) SM: 1310nm, (10KM ~ 60Km) SM: 1550nm, (up to 120Km)
<b>Power Supply</b>	External 1A, +5VDC; internal 110~260VAC, 50~60Hz
<b>Data Buffer</b>	2 Megabyte
<b>Product Dimensions</b>	Ext. power supply type: 95 x 70 x 26mm Int. power supply type: 140 x 110 x 30mm
<b>Package Dimensions</b>	Ext. power supply type: 233 x 124 x 53mm Int. power supply type: 270 x 158 x 55mm
<b>Operating Temperature</b>	-10 ~ +50 °C
<b>Storage Temperature</b>	-20 ~ +70 °C

## ORDER INFORMATION

AT	1	SPEED	2	FIBER MODE	3	CONNECTOR	4	DISTANCE	5	POWER ADAPTER	6	POWER SUPPLY
	G	Gigabit, 10/100/1000M	S	Single Mode	SS	SC Simplex*	05	550mtr for MM, 850nm	EU	EU type	E	EXTERNAL
			M	Multimode	SD	SC Duplex	2	2KM for MM, 1300nm	US	US type	I	INTERNAL
					LS	LC Simplex*	20	20KM	UK	UK type		
					LD	LC Duplex	40	40KM	AU	AU type		
					ST	ST Duplex	60	60KM				
							80	80KM				
							100	100KM				
							120	120KM				

\* Simplex connector is for bi-directional transmission.