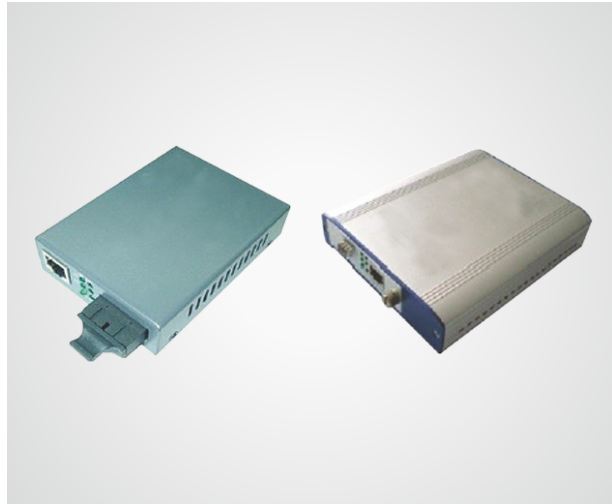


# 10/100/1000Mbps MEDIA CONVERTER

The NORDEN media converters were specifically designed to offer network designers the tools for migration from copper based Gigabit to fiber based Gigabit Ethernet. Now, migration or expansion of existing networks can be achieved with minimum cost and complexity. The converters are completely transparent when installed so the network performs exactly the way it would do normally-only now, it can migrate both copper and fiber mediums. This flexibility in cabling allows network managers to put fiber cables anywhere with in a network without changing the arrangement of copper based Gigabit segments. Their compact size allows the converter to be easily deployed in any narrow desktop location or used in wall-mount installation to save space.



## MAIN FEATURES

- Complies with IEEE 802.3ab 1000Base-T and IEEE 802.3z 1000Base-SX/LX standard
- Auto MDI/MDI-X support on RJ-45 port
- Auto polarity correction on RJ-45 port
- Local and Remote loopback test for first time installation and troubleshooting
- Low power consumption
- Extends distances up to 220m for multi-mode SX (80km with long haul single mode) under full duplex mode
- Compatible with other Gigabit 1000Base-T/SX/LX devices
- Status LEDs for easy monitoring of device status
- External power supply
- FCC Class A & CE approved

## PRODUCT SPECIFICATIONS

Model	511MC	512MC	513MC	514MC
Standard	IEEE802.3, IEEE802.3u, IEEE802.3X, IEEE802.3ab, IEEE802.3z			
Backplane bandwidth	1 GE port 1 1000M fiber port	1 GE port 1 1000M fiber port	2 GE port 1 1000M fiber port	1 GE port 2 1000M fiber port
Fibre Connector Type	SC/FC/ST			
Port type	Multi-mode Double fiber : 220m (Fiber size 62.5/125µm) /550m(Fiber size 50/125µm) Single-mode Double fiber : 10/20/40/60/80/100/120Km Single-mode Single fiber : 10/20/40/60/80Km Twisted-pair cable : 100m			
Power	5V2A	110-240V	5V2A	5V2A
Power consumption	5W	5W	6W	6W
Physical size	118*70*27mm	183*132*30mm	118*70*27mm	118*70*27mm
Weight	0.19kg	0.50kg	0.20kg	0.20kg
Suitable temperature	0°C-50°C (Working environment), -20°C-70°C (Storage temperature)			
Suitable humidity	5%-90% No condensation (work environment)			

# 10/100/1000Mbps MEDIA CONVERTER

## ORDERING INFORMATION

Part No.	Description	No. of GE & Fibre Port	Power Supply
511MC-SSS025	10/100/1000Mbps Single Mode Single Fibre 25Km SC Media Converter	1 & 1	5VDC(external)
512MC-SSS040	10/100/1000Mbps Single Mode Single Fibre 40Km SC Media Converter	1 & 1	100-240VAC(Internal)
513MC-SSS060	10/100/1000Mbps Single Mode Single Fibre 60Km SC Media Converter	2 & 1	5VDC(external)
514MC-MDS00A	10/100/1000Mbps Multi Mode Double Fibre 220m SC Media Converter	1 & 2	5VDC(external)

## ORDERING GUIDE

Model	Fiber Type	Fiber Connector Type	Distance
511MC	Multi Mode Double Fibre: MD	SC : S	220 m : 00A
512MC	Single Mode Double Fibre: SD	FC : F	550 m : 00B
513MC	Single Mode Single Fibre: SS	ST : T	2Km : 002
514MC			25Km : 025
			40Km : 040
			60Km : 060
			80Km : 100