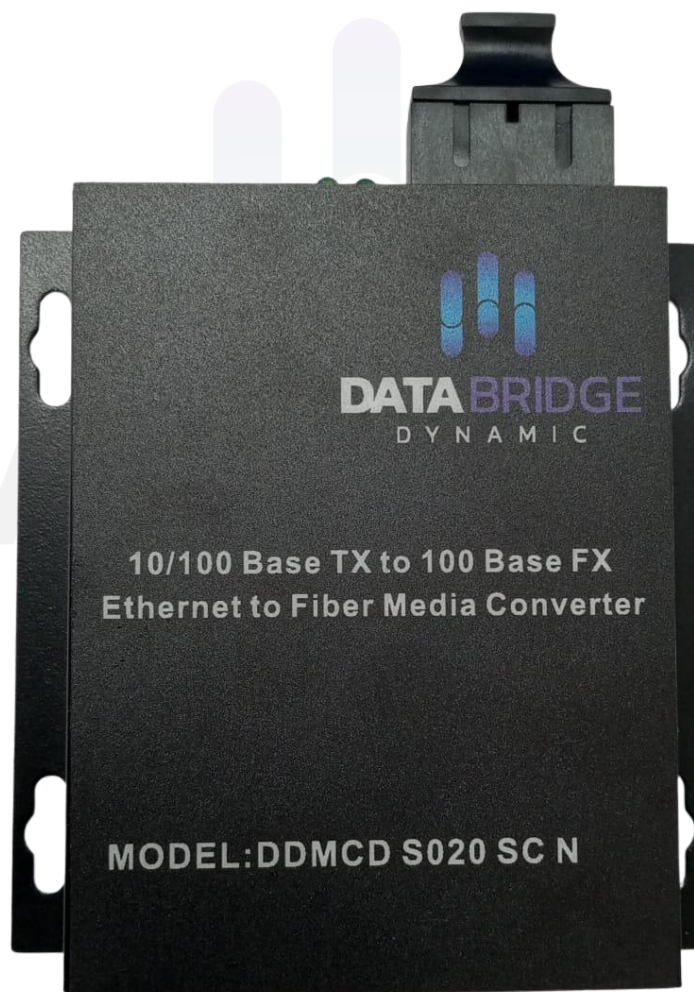




ETHERNET TO FIBER MEDIA CONVERTER

MODEL DDMCD N



SYNOPSIS

- MODEL DDMCD PROVIDES A COST-EFFECTIVE PLUG-AND-PLAY SOLUTION FOR LONG-RANGE 10BASE-T OR 100BASE-TX ETHERNET EXTENSIONS.
- IT HAS AN ADDED BENEFIT OF 10/100 AUTO-NEGOTIATION MAKING IT THE PERFECT CHOICE WHEN PLANNING FUTURE UPGRADES OF 10BASE-T NETWORKS.
- BUILT-IN AUTO-SENSING CAPABILITIES ENABLE FULL OR HALF-DUPLEX ETHERNET OPERATION WITH NO CONFIGURATION REQUIRE
- MDI/MDI-X, 10M/100M AUTO NEGOTIATION
- LFPT: LINK FAULT PASS THROUGH

SPECIFICATIONS

COMMUNICATION

Standard	IEEE802.3/3u 10 Base-T, 100Base-T, 100Base-FX
RJ45 port rate	10/100Mbps auto negotiation
Optic port rate	100Mbps
Ethernet transmission distance	100m
Data Throughput Rate	10Mbps:14,880pps, 100Mbps:148,800pps FI
Flow Control	IEEE802.3X Flow control for full-duplex model Back-pressure flow control for half-duplex model
Fiber transmission	20Km by default. Up to 100Km (single-mode), 2Km (multi-mode)
RJ45 port connector	RJ45
Optic port connector	SC, ST or FC

OPTIC PORT CABLE

Single-mode	8.3/125, 8.7/125, 9/125 or 10/125μm s
Multi-mode	50/125, 62.5/125μm
Wavelength	1310nm (2Km, 20km, 25Km, 40Km), 1550nm (40 to 100Km)
Tx Power	-7 to -12 dBm @ 1310nm
Rx Sensitivity	≥ -35 dBm @ 1310nm

ENVIRONMENT

Operating Temperature	-10 deg to 65 deg Celsius
Storage temperature	-20 deg to 70 deg Celsius
Relative Humidity	5% to 95% non-Condensing

POWER SUPPLY

External Adapter	230V AC
Power Consumption	< 2.5W

MECHANICALS

Dimension H×W×D	26mm×70mm×93mm without mounting plate
Mounting / Enclosure	Table Top
Weight	230g

ORDERING CODE

DDMCD M/SXXX SC/ST N

DDMCD S020 SC N	Fiber to Ethernet Media Converter, Singlemode-20Km, SC Connector, AC Adapter
DDMCD S040 SC N	Fiber to Ethernet Media Converter, Singlemode-40Km, SC Connector, AC Adapter
DDMCD S080 SC N	Fiber to Ethernet Media Converter, Singlemode-80Km, SC Connector, AC Adapter
DDMCD S100 SC N	Fiber to Ethernet Media Converter, Singlemode-100Km, SC Connector, AC Adapter
DDMCD S020 ST N	Fiber to Ethernet Media Converter, Singlemode-20Km, ST Connector, AC Adapter
DDMCD M SC N	Fiber to Ethernet Media Converter, Multimode, SC Connector, AC Adapter
DDMCD M ST N	Fiber to Ethernet Media Converter, Multimode ST Connector, AC Adapter