

Product Highlights

- Complies to IEEE 802.3u standards
- Ease of Installation and Use
- Auto negotiation of Speed and Duplex Settings on TX port.
- LowCost



DFE-855MI | DFE-855S-15I | DFE-855S-50I

100M Media Converter

Features

Built in a 2-port switch:

- Supports modified cut-through frame forwarding packet forwarding system
- Supports flow control for full and half duplex operation; Auto negotiation of speeds and duplex modes on twisted-pair.
- Bandwidth control
- Forward 1600 bytes packet for management

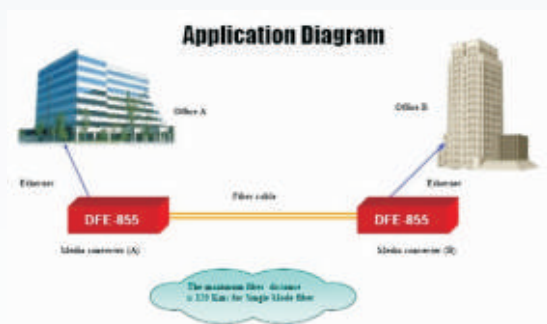
Easy to Use

- Supports IEEE802.3u 100BASE-TX, 100BASE-FX (Fast Ethernet, 100Mbps)
- Built in 128Kb RAM for data buffer
- Supports auto MDI-MDIX function
- Supports link fault pass through function (LFP)
- Supports far end fault function (optional)
- LED display for link/activity, full/half, 10/1 QOM
- Easy Management

DFE-855 series media converters transform the transmission of 10/100 BASE-TX Ethernet twisted-pair signals to 100BASE-FX fast Ethernet fiber signals. Maximum fiber cable distance up to 120 kms for single-mode and up to 2 kms for multimode fiber can be achieved. It has SC type fiber optic connector and shielded RJ-45 for Ethernet.

DFE-855 | DFE-855S-15I | DFE-855S-50I 100M Media Converter

Technical Specifications			
Model	DFE - 855MI	DFE - 855 S-15I	DFE - 855 S-50I
Description	10/100M multimode media converter DFE-855MI	10/100M singlemode media converter DFE-855 S-15i	10/100M singlemode media converter DFE-855 S-50i
Cable	MM Fiber/ Twist Pair	SM Fiber /Twist Pair	SM Fiber /Twist Pair
Transmission Type	10/100M FDX/HDX	10/100M FDX/HDX	10/100M FDX/HDX
MTBF	>3years	>3years	>3years
BER	<1E-8	<1E-8	<1E-8
Data Buffer	128Kb	128Kb	128Kb
Power Temperature Variation	0.2mw/°C	0.2mw/°C	0.2mw/°C
Operating Temperature	0° C to 50° C	0° C to 50° C	0° C to 50° C
Storage Temperature	-45° C to 80° C	-45° C to 80° C	-45° C to 80° C
Humidity	5% to 90% non - condensing	5% to 90% non - condensing	5% to 90% non - condensing
EMC	CE/ FCC Part15	CE/ FCC Part15	CE/ FCC Part15
Size	95X70X26mm	95X70X26mm	95X70X26mm
Wavelength	1310 nM	1310 nM	1310 nM
Fiber distance	Multi mode 2 Km.	Single mode 15 Km.	Single mode 50 Km.
Fiber	50/125 um or 62.5/125um Multimode Fiber	9/125um Singlemode Fiber	9/125um Singlemode Fiber



Order Information	
Part Number	Description
DFE-855MI	2 Kms Multimode Media converter
DFE-855S-15i	15 Kms Single mode Media converter
DFE-855S-50i	50 Kms Single mode Media converter