

Comnet FDX55M1 RS232/422 DB25 1310/1550nm Multimode Repeater/1 fiber

Data	
Data Format	RS-232, RS-422
Data Rate	DC-115 kbps
Operating Mode	Asynchronous, simplex or full duplex
Bit Error Rate	<1 in 10 ⁹ @ Max. Optical Loss Budget
Anti-Streaming Time-out	4,8,16,64 Seconds or Infinity (disabled)
Wavelength	
FDX55M2, FDX55M2E	1310 nm, Multimode
FDX55M28	850 nm, Multimode
FDX55S1, FDX55S1(A,B)E	1310/1550 nm, Single Mode
FDX55S2, FDX55S2E	310/1550 nm, Single Mode
Fibers	
FDX55M28, FDX55M2, FDX55S2	2 In/2 Out
FDX55M2E	2
FDX55S1	1 In/1 Out
FDX55S1(A,B)E	1
Optical Emitter	Laser
LED Indicators	<ul style="list-style-type: none"> > Transmit Data > Receive Data > Clear to Send (CTS) > Request to Send (RTS) > Fault/Anti-Streaming Activated
Connectors	
Optical	ST standard (SC, FC as options only)
Power	Terminal Block
Data	Type DB-25S
Expansion Port	RJ-11
Power	
Operating Voltage Range	9 to 30 VDC (or from C1 Rack, consult factory)
Power Consumption	2.5 W
Battery Backup Option	
Internal, rechargeable Nickel Metal Hydride (NIMH) battery.	
Operating Period: 12 hours typical	
Electrical & Mechanical	
Power	
Surface Mount	9-30 VDC @ 2.5 W
Rack	From Rack
Number of Rack Slots	2
Current Protection	Automatic Resettable Solid-State Current
Limiters	
Circuit Board	Meets IPC Standard
Size (in./cm) (L*W*H)	6.1 x 5.3 x 2.2 in (15.5 x 13.2 x 5.6 cm)
Shipping Weight	<2 lbs./0.9 kg
Environmental	
MTBF:	>100,000 hours
Operating Temp:	-40■ to +75■ C
Storage Temp:	-40■ to +85■ C
Relative Humidity:	0% to 95% (non-condensing)