

FE-C255:

Fast Ethernet/ATM (OC-3) Multi-Mode to Single-Mode Converter (2Km/20Km)

Key Features

- Support ATM OC-3/Fast Ethernet multi-mode to single-mode conversion
- Good for the applications to extend the network distance to over 2Km
- Multiple single-mode fiber connectors available for 20Km, 40Km and 60Km
- RoHS Compliance

Overview

FE-C255SC fiber converter is used to convert multi-mode fiber signal to single-mode equivalent that extends the long span fiber connections easily and inexpensively. Any protocol using 1310nm wavelength from 100Mbps up to 155Mbps such as Fast Ethernet or ATM is ideal to use it. The media converter can be used as a standalone unit or as a slide-in module to the 19" converter rack (up to 10 units) for use at a central wiring closet.

Technical Specifications

- **Model No. :** FE-C255

ATM 155Mbps Fiber Converter Model:				
Multi-mode		↔	Single-mode	
SC:2Km	1310nm	↔	SC.S20:20Km	1310nm
SC:2Km	1310nm	↔	SC.S40:40Km	1310nm
SC:2Km	1310nm	↔	SC.S60:60Km	1310nm

1310nm: Wavelength of fiber transceiver

- **Standards:** OC-3/STM-1
IEEE802.3u 100Base-FX
- **Fiber Cable:**
50/125, 62.5/125, or 100/140µm multi-mode
8.3/125, 8.7/125, 9/125 or 10/125µm single-mode
- **Data Transfer Rate:** 155Mbps
- **LED Indicators:**
POWER, SD (signal detect) for multi/single mode fiber port
- **Power Requirement:** 1A@5VDC
- **Ambient Temperature:** 0 to 50°C
- **Humidity:** 5% to 90%
- **Dimensions:** 26.2(H) x 70.3(W) x 94(D)mm
- **UL, FCC Part 15 Class A & CE Mark**

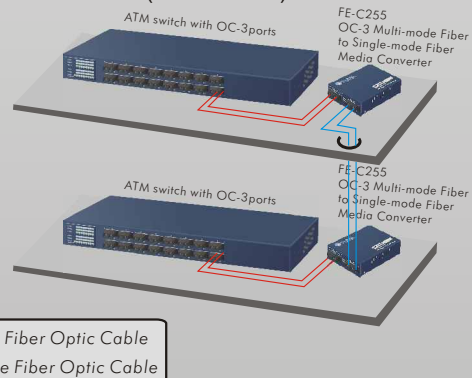
Ordering Information

FE-C255SC: Fast Ethernet/ATM (OC-3) Multi-Mode to Single-Mode Converter (2Km/20Km)

FE-C255SC.S20: ATM (OC-3)/Fast Ethernet Multi-mode to Single-mode Converter, 2km/20km

FE-C255SC.S40: Fast Ethernet/ATM (OC-3) Multi-Mode to Single-Mode Converter (2Km/40Km)

FE-C255SC.S60: Fast Ethernet/ATM (OC-3) Multi-Mode to Single-Mode Converter (2Km/60Km)



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