

Product name	CWDM 16Ch 1290-1610nm+1270nm Mux-DeMux 19" LC/UPC
Product code	5178840
GTIN	7332811314445
ETIM-Class	EC000768



PRODUCT SPECIFICATIONS

CWDM (Coarse Wavelength Division Multiplexing) is an easy way to expand the capacity of an existing fiber network. Based on a mux / demux, which mixes and separates wavelengths. A link consists of two units. The technology is standardized in ITU G.695 and 694.2 and is used in Ethernet, FC, SAN and SONET. Up to 18 duplex channels can be mixed in a single fiber pair.

Measurements

Length	442 mm
Height	44 mm
Width	200 mm
Weight	1,400 g

Technical Specifications - CWDM

Type	16+1 Channel
Center Wavelength	1290 - 1390 + 1430 - 1610 + 1270 nm
Channel Spacing	20 nm
Channel Passband	> 13 nm
Insertion Loss, MUX or DEMUX	≤ 3.8 dB
Insertion Loss, MUX and DEMUX	≤ 4.8 dB
Isolation, Adjacent	≥ 30 dB
Isolation, Non-Adjacent	≥ 40 dB

MAX Insertion Loss Temperature Sensitivity	0.5 dB
MAX Wavelength Temperature Shifting	0.2 nm
Max Polarization Dependent Loss	0.1 dB
PMD	0.1 ps
Min Directivity	50 dB
Max Return Loss	45 dB
Max Power Handling	300 mW
Operating Temperature	-5°C - +70 °C
Storage Temperature	-40°C - +70 °C
Connector Type	LC/UPC
CWDM Packaging	1U 19 inch Rack