

<b>Product name</b>	CWDM 16Ch 1290-1610nm Mux-DeMux 19" LC/UPC
<b>Product code</b>	5178839
<b>GTIN</b>	7332811314438
<b>ETIM-Class</b>	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

<b>Length</b>	442 mm
<b>Height</b>	44 mm
<b>Width</b>	200 mm
<b>Weight</b>	1,380 g

## Technical Specifications - CWDM

<b>Type</b>	16 Channel
<b>Center Wavelength</b>	1290 - 1390 + 1430 - 1610 nm
<b>Channel Spacing</b>	20 nm
<b>Channel Passband</b>	> 13 nm
<b>Insertion Loss, MUX or DEMUX</b>	≤ 3.5 dB
<b>Insertion Loss, MUX and DEMUX</b>	≤ 4.5 dB
<b>Isolation, Adjacent</b>	≥ 30 dB
<b>Isolation, Non-Adjacent</b>	≥ 40 dB

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