

Product Overview

40 Channel DWDM Multiplexer 1U



Description

The MS419880 integrates 40 ITU-T compliant DWDM channels in an extremely compact form factor which requires only one 19" height unit (1U). It combines multiplexer and demultiplexer in one device. With its well-established DWDM technology, the passive optic multiplexer is capable of broadcasting up to eight independent optical transmission channels on one fiber optic line.

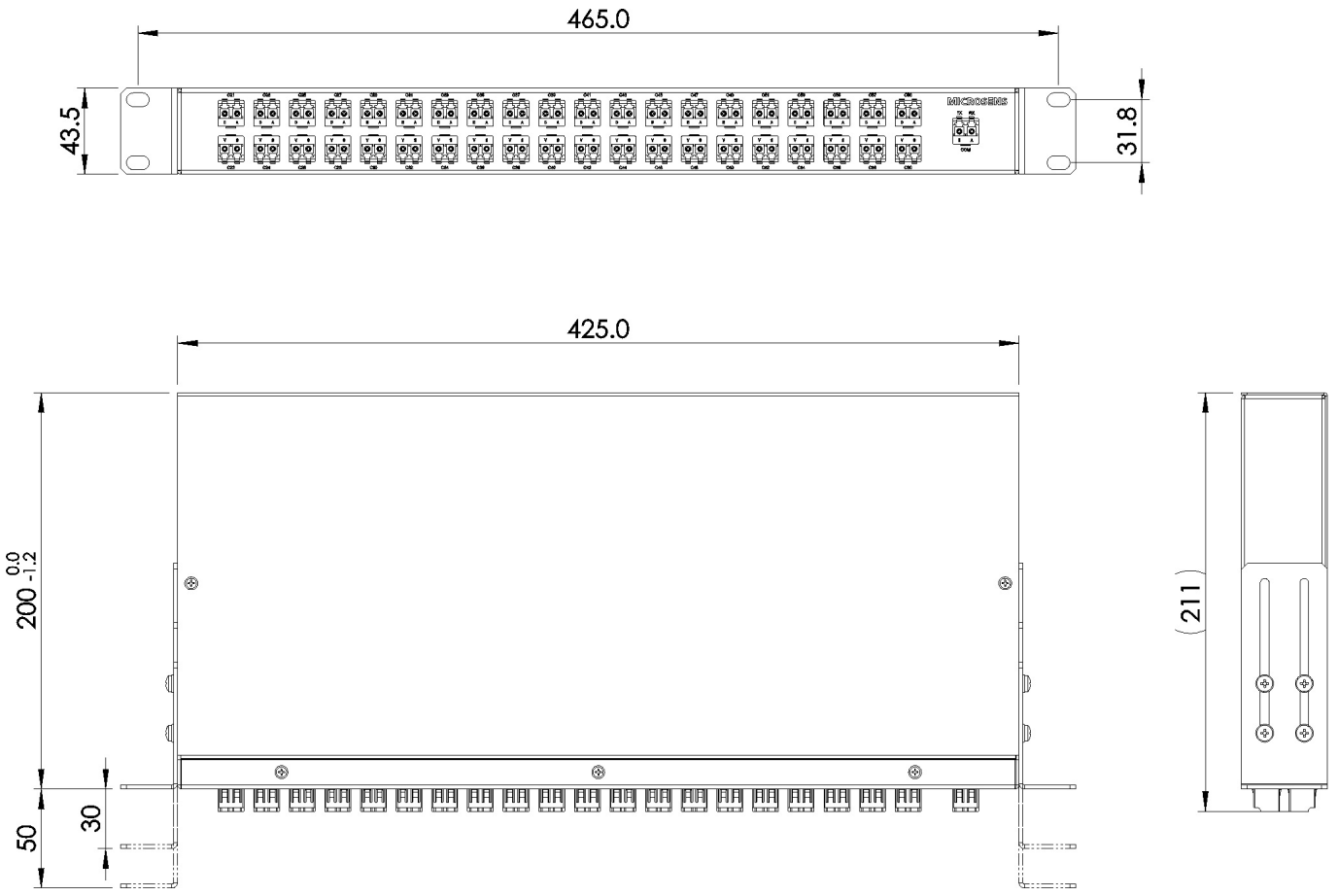
The device gives network operators under budget pressure a cost-efficient solution for constructing citywide optical networks. The DWDM Multiplexer serves as a passive construction element which both combines and separates fiber optic channels (Mux/DeMux). Optical coupling makes the work of the device fully transparent in terms of protocol. And the DWDM Multiplexer is under no limitations in terms of data transfer rate.

Users who do not wish to employ direct optical transmission technology can connect the device to their own transmission equipment (routers/switches/SDH/SAN switches): the device uses a transceiver with coloured lasers (SFPs/XFPs) to link directly with equipment of all different brands. To facilitate this, MICROSENS' product range includes a wide variety of CWDM transceivers for any data rate from 100 Mbps to 10 Gbps; they can also supply manufacturer-compatible transceivers if needed.

Properties

- cost-optimized design for 19" rack mounting
- passive DWDM Multiplexer and Demultiplexer in one unit
- 40 Port DWDM version optional with Express Channel or Tap ports
- no limitations in terms of data rate

Dimensions



Order Information

Description

Article Number

40 Channel AAWG MUX/DEMUX DWDM 19" 1U, Local: 40x LC/PC duplex, Line: 1x LC/PC duplex, 100GHz Grid **MS419880**

40 Channel AWG MUX/DEMUX DWDM 19" 1U with 5% Tap, Local: 40x LC/PC duplex, Line: 1x LC/PC duplex, Tap: 1x LC/PC duplex, 100GHz Grid **MS419881**

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