



## CWDM Mux Demux 8

UACC-CWDM-8

Datasheet

Marketing Images

Installation Guide

### Mechanical

|                    |                                          |
|--------------------|------------------------------------------|
| Dimensions         | 442 x 120 x 43.7 mm ( 17.4 x 4.7 x 1.7") |
| Weight             | 1.4 kg (3.2 lb)                          |
| Enclosure material | Metal                                    |

### Hardware

|                            |                                                                                          |
|----------------------------|------------------------------------------------------------------------------------------|
| Connector type             | (1) COM (LC/UPC)<br>(1) MON (LC/UPC)<br>(1) EXP (LC/UPC)<br>(1) 1450 to 1590 nm (LC/UPC) |
| Pigtail and connector type | COM: 0.9 mm black LC/UPC<br>Other ports: 0.9 mm white LC/UPC                             |
| Fiber type                 | SMF-28e                                                                                  |
| Fiber length               | ≥0.5 to 1 m                                                                              |
| Channel count              | 8 CH Mux/Demux                                                                           |
| Channel center wavelength  | 1450/1470/1490/1510/1530/1550/1570/1590 nm                                               |

|                                   |                                                                  |
|-----------------------------------|------------------------------------------------------------------|
| Min. channel passband             | ±6.5 nm                                                          |
| Max. insertion loss               | <2.5 dB                                                          |
| Isolation                         | Adjacent channel: Max. 30 dB<br>Non-Adjacent channel: Min. 40 dB |
| Max. passband ripple              | 0.3 dB                                                           |
| Max. Polarization Dependent Loss  | 0.1 dB                                                           |
| Min. directivity                  | 55 dB                                                            |
| Min. return loss                  | 50 dB                                                            |
| Max. polarization mode dispersion | 0.1 ps                                                           |
| Max. power handling               | 500 mW                                                           |
| Storage temperature               | -40 to 90° C (-40 to 194° F)                                     |
| Ambient operating temperature     | -30 to 75° C (-22 to 167° F)                                     |

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