

## LAN WDM Mux/Demux Module

| Features                                                                                                                                                        |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <p>Telcordia GR-1221 and GR-1209</p> <p>Compliance Ultra mini size</p> <p>Low insertion loss</p> <p>Excellent temperature stability Epoxy free optical path</p> |  |
| Application                                                                                                                                                     |  |
| <p>Optimized package for CFP transceiver modules Local area network</p> <p>According to 100Gbps IEEE 802.3ba standard</p>                                       |  |

### Specifications

| Parameter                          | Unit                    | Specification    |
|------------------------------------|-------------------------|------------------|
| Operating Wavelength               | nm                      | 1280 -1330       |
| Channel Spacing                    | GHZ                     | 800              |
| Channel ITU Wavelength             | CH1                     | 1294.53 -1296.59 |
|                                    | CH2                     | 1299.02 -1301.09 |
|                                    | CH3                     | 1303.54 -1305.63 |
|                                    | CH4                     | 1308.09 -1310.19 |
| Insertion loss (Without Connector) | dB                      | ≤1.4             |
| Passband Ripple                    | dB                      | ≤0.5             |
| Adjacent ISolation                 | dB                      | ≥25              |
| Non-Adjacent Isolation             | dB                      | ≥35              |
| PDL                                | dB                      | ≤0.3             |
| Directivity                        | dB                      | 50               |
| Return Loss                        | dB                      | 45               |
| PMD                                | ps                      | 0.2              |
| Operating Temperature              | ℃                       | -10 to +80       |
| Storage Temperature                | ℃                       | -40 to +85       |
| Fiber Type                         | 9/125 Single Mode Fiber |                  |
| Package Dimensions                 | mm                      | 20.0×12.4×6.4    |

### Ordering Information

| LWDM | Channel | Pigtail Type                                 | Fiber Type | Length | Connector                                                                            |
|------|---------|----------------------------------------------|------------|--------|--------------------------------------------------------------------------------------|
|      | 4=4CH   | 250=250um bare fiber<br>900=900um loose tube | 1=SMF-28e  | 1= 1m  | NE=None<br>FA=FC/APC<br>FC=FC/UPC<br>SA=SC/APC<br>SC=SC/UPC<br>LC=LC/UPC<br>XX=Other |