



## Device Characteristics

| Configuration     | Port Identification    | Fiber Type             | Notes |
|-------------------|------------------------|------------------------|-------|
| Pump input port   | Ports 1-7, excluding 4 | 220/242 um NA=0.22     |       |
| Signal input port | Port 4                 | 20/400 um NA=0.06/0.46 |       |
| Output port       | Port 8                 | 20/400 um NA=0.06/0.46 |       |

## Optical Performance Specifications

| Parameters                      | Min. | Typ. | Max. | Units | PDR | Notes |
|---------------------------------|------|------|------|-------|-----|-------|
| Operating wavelength - Signal   | 1040 |      | 1080 | nm    |     |       |
| Operating wavelength - Pump     | 800  |      | 1000 | nm    |     |       |
| Maximum insertion loss - Signal |      |      | 0.5  | dB    | Yes | 1,2   |
| Maximum insertion loss - Pump   |      |      | 0.1  | dB    | Yes | 1,3   |
| Optical return loss - Pump      | 45   |      |      | dB    |     | 1,3   |

## Mechanical and Environmental Specifications

| Parameters                 | Value                   | Notes |
|----------------------------|-------------------------|-------|
| Power handling             | 200 W/port              | 4     |
| Maximum reverse pump light | 10 W                    |       |
| Dimensions                 | 60.0mm x 12.0mm x 6.5mm |       |
| Pigtail length             | > 1000mm on all ports   | 5     |

## Note(s)

- [1] Parameters are specified at room temperature
- [2] Underfilled condition
- [3] Fully filled condition
- [4] Heatsinking is required, see application note on website
- [5] For safe handling of DCF fiber, see application note on website

Made in Canada

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This Product is  
 ROHS  
 Compliant  
 EU Directive 2011/65/EC