



## Device Characteristics

| Configuration   | Port Identification | Fiber Type         | Notes |
|-----------------|---------------------|--------------------|-------|
| Pump input port | Ports 1-4           | 105/125 um NA=0.22 |       |
| Output port     | Port 5              | 125 um NA=0.46     |       |

## Optical Performance Specifications

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

## Mechanical and Environmental Specifications

| Parameters                       | Value                   | Notes |
|----------------------------------|-------------------------|-------|
| Power handling                   | 100 W/port              | 3     |
| Maximum reverse pump light       | 10 W                    |       |
| Dimensions                       | 60.0mm x 12.0mm x 6.5mm |       |
| Product code + A: Pigtail length | > 1000mm on all ports   | 4     |
| Product code + B: Pigtail length | > 2000mm on all ports   | 4     |
| Product code + C: Pigtail length | > 3000mm on all ports   | 4     |

## Note(s)

- [1] Parameters are specified at room temperature
- [2] Designed to be used at NA=0.17 (95% of energy within NA=0.15)
- [3] Heatsinking is required, see application note on website
- [4] For safe handling of DCF fiber, see application note on website

This part is considered under development  
 Specification subject to change without notice.  
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