

## TECHNICAL DATASHEET

## Mini Size PM CWDM

|                |               |
|----------------|---------------|
| Product family | Mini & Hybrid |
| Key selection  | PM / CWDM     |

## Technical Specifications

| Parameter                                | -                    | Unit  | Specification                                          |
|------------------------------------------|----------------------|-------|--------------------------------------------------------|
| Center Wavelength                        | -                    | nm    | ITU or ITU+1                                           |
| Operating Wavelength                     | -                    | nm    | 1260 to 1460 or 1460 to 1620                           |
| Channel Spacing                          | -                    | nm    | 20                                                     |
| Minimum Channel Bandwidth @ $\lambda_c$  | -                    | nm    | $\pm 6.5/7.5$                                          |
| Maximum Channel Flatness                 | -                    | nm    | 0.4                                                    |
| Maximum Insertion Loss                   | Pass channel         | dB    | 0.6                                                    |
| -                                        | Reflection channel   | dB    | 0.4(1260 to 1460 or 1460 to 1620) or 0.6(1260 to 1620) |
| Minimum Isolation                        | Adjacent channel     | dB    | 30                                                     |
| -                                        | Non-adjacent channel | dB    | 40                                                     |
| -                                        | Reflection channel   | dB    | 12                                                     |
| Directivity                              | -                    | dB    | 55                                                     |
| Minimum Return Loss                      | -                    | dB    | 50                                                     |
| Minimum Extinction Ratio @ 23°C          | -                    | dB    | 18                                                     |
| Maximum Wavelength Thermal Stability     | -                    | nm/°C | 0.003                                                  |
| Maximum Insertion Loss Thermal Stability | -                    | dB/°C | 0005                                                   |
| Maximum Power (CW)                       | -                    | mW    | 500                                                    |
| Operating Temperature                    | -                    | °C    | 0 to +70                                               |
| Storage Temperature                      | -                    | °C    | -40 to +85                                             |

## Configuration Notes

Available wavelength, optical power, fiber, connector, pigtail and package options depend on the selected product configuration. Please include the target application and quantity with your RFQ. Final ordering details are confirmed in the quotation.

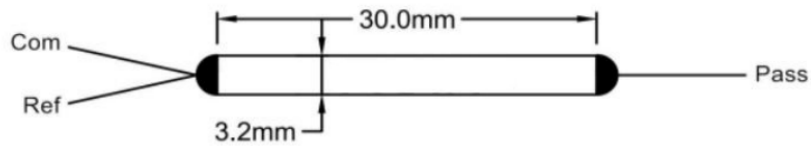
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# Package Dimensions

## Mini Size PM CWDM

Package reference: Dia. 3.2x30

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Dimensions are shown in millimetres unless otherwise indicated. Final package, pigtail and connector configuration should be confirmed in the quotation.