

# 7865203 | SFP28, 25GBase BiDi 1270nmTx /1330nmRx, up to 20 km



Small form factor pluggable+ BiDi Module, 25G BASE, up to 20 km

- Single LC connector
- Hot-pluggable SFP footprint
- Uncooled DFB laser transmitter
- RoHS compliant and Lead Free
- Up to 20Km on 9/125um SMF
- Metal enclosure for lower EMI

## Product Classification

|                |                |
|----------------|----------------|
| Product Type   | Optical module |
| Product Series | BiDi SFP       |

## General Specifications

|           |                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------|
| Interface | LC/UPC                                                                                          |
| Note      | Detailed Product Specifications are available. Please contact your local ANDREW representative. |

## Dimensions

|        |                    |
|--------|--------------------|
| Height | 12 mm   0.472 in   |
| Width  | 13.9 mm   0.547 in |
| Depth  | 56.5 mm   2.224 in |

## Electrical Specifications

|                            |       |
|----------------------------|-------|
| Power Consumption, maximum | 1.2 W |
|----------------------------|-------|

## Optical Specifications

|                                       |                             |
|---------------------------------------|-----------------------------|
| Fiber Type                            | 9/125 μm, singlemode        |
| Average Optical Output Power, maximum | 2 dBm                       |
| Average Optical Output Power, minimum | -2 dBm                      |
| Rx/Tx Power Accuracy                  | ±3dB / ±3dB                 |
| Operating Wavelength                  | 1270 nm (Tx)   1330 nm (Rx) |
| Receiver Sensitivity, maximum         | -13.5 dBm                   |
| Receiver Overload                     | +2 dBm                      |

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## Environmental Specifications

**Operating Temperature** -40 °C to +85 °C (-40 °F to +185 °F)

## Packaging and Weights

|                           |                     |
|---------------------------|---------------------|
| <b>Height, packed</b>     | 20 mm   0.787 in    |
| <b>Width, packed</b>      | 105 mm   4.134 in   |
| <b>Depth, packed</b>      | 65 mm   2.559 in    |
| <b>Packaging quantity</b> | 1                   |
| <b>Packaging Type</b>     | Box                 |
| <b>Weight, gross</b>      | 0.036 kg   0.079 lb |
| <b>Weight, net</b>        | 0.022 kg   0.049 lb |