

POLARIZATION BEAM COMBINER/SPLITTER (980, 1064, 1310, 1480, 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | | Unit | Value | | |
|--------------------------------------|------------------|------|---------------------------------|-------------------------|--------|
| Wavelength | | nm | 1310±40, or 1480±40, or 1550±40 | 1064±20 | 980±10 |
| Insertion Loss | Typ. | dB | 0.4 | 0.6 | 0.8 |
| | Max | dB | 0.6 | 0.8 | 1.0 |
| Extinction Ratio (for splitter only) | Min | dB | 22 | 22 | 20 |
| Return Loss | Min | dB | 50 | | |
| Directivity | Min | dB | 50 | | |
| Optical Power Handling | Max | mW | 500 | | |
| Fiber | Dual Fiber End | - | SM or PM | PM 980 Panda | |
| | Single Fiber End | - | SM or PM | HI 1060 or PM 980 Panda | |
| Package Dimension | | mm | Φ5.5 x L38 | | |
| Operating Temperature | | °C | -5 to 70 | | |
| Storage Temperature | | °C | -40 to 85 | | |

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.

* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

| PBC | Wavelength | Fiber Type at Dual-Fiber End | Fiber Type at Single-Fiber End | Fiber Length | Connector |
|--------------------|---------------------|------------------------------|--------------------------------|--------------|-----------|
| PBC or (PBS) | 98=980nm | B=SMF-28, 250um | B=SMF-28, 250um | 10=1.0m | NE=None |
| | 13=1310nm | L=SMF-28, 900um | L=SMF-28, 900um | 15=1.5m | FA=FC/APC |
| | 14=1480nm | | H1B=HI 1060,250um | 20=2.0m | FC=FC/PC |
| | 15=1550nm | PMB=PM Panda, 250um | H1L=HI 1060,900um | 30=3.0m | SA=SC/APC |
| | | PMO=PM Panda, 400um | | | SC=SC/PC |
| | PML=PM Panda, 900um | PMB=PM Panda, 250um | | X=Others | ST=ST/PC |
| | X=Others | PMO=PM Panda, 400um | | | LA=LC/APC |
| | | PML=PM Panda, 900um | | | LC=LC/PC |
| | | | X=Others | | X=Others |

Package Dimensions

