

POLARIZATION-MAINTAINING (PM) FILTER-TYPE TAP COUPLER: 2X2

(532, 650, 780, 850, 980, 1030, 1053, or 1064nm)

Specifications

Contact Ascentta with your custom specification needs.

| Parameter | Unit | 532 | 650 | 780 | 850 | 980 | 1030 | 1053 | 1064 |
|------------------------|----------------------|------------|-----|-----|-----|-----|------|------|------|
| Bandwidth | nm | 40 | 40 | 40 | 80 | 80 | 80 | 80 | 80 |
| Excess Loss | Max dB | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 | 1.2 |
| Ripple | Max dB | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Extinction Ratio | Min dB | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| Return Loss | Min dB | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| Optical Power Handling | Max mW | 50 | 100 | 150 | 150 | 200 | 200 | 200 | 200 |
| Fiber Type | Input & Output Ports | PM Panda | | | | | | | |
| | Tap Port | PM or SMF | | | | | | | |
| Ports | | 2x2 | | | | | | | |
| Package Dimension | mm | Φ5.5 x L35 | | | | | | | |
| Operation Temperature | °C | -5 to 70 | | | | | | | |
| Storage Temperature | °C | -40 to 85 | | | | | | | |

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

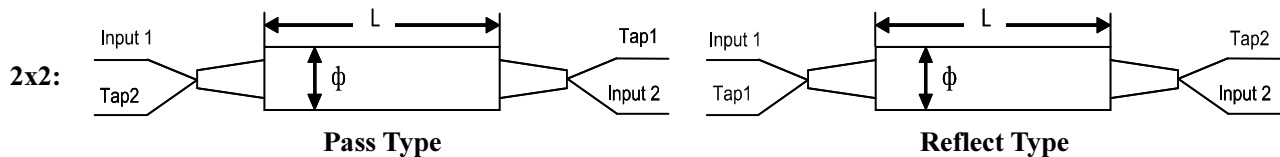
* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta with your custom configuration needs.

| PMVTC | Type | Wavelength | Ports | Coupling Ratio | Fiber Type at Input and Output Ports | Fiber Type at Tap Port | Fiber Length | Connector |
|-------|----------------------------------|--|--------|--|--|--|--|--|
| PMVTC | P=Pass (Fast axis blocked) | 532=532nm 650=650nm 780=780nm 850=850nm | 22=2x2 | 50=50/50 10=10/90 05=5/95 01=1/99 | PMB=PM Panda, 250um PML=PM Panda, 900um | B=SMF, 250um L=SMF, 900um | 10=1.0m 15=1.5m 20=2.0m 30=3.0m | NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC LA=LC/APC LC=LC/PC |
| | R=Reflect (Both axis working) | 980=980nm 1030=1030nm 1053=1053nm 1064=1064nm | | X= Others | X= Others | PMB=PM Panda, 250um PML=PM Panda, 900um | X= Others | X=Others |
| | X= Others | | | | | | | X=Others |

Package Dimensions



Contact Ascentta for all your custom design needs.