

FIBER LC/APC SPLITTERS SERIES





TMT GLOBAL Single mode 19" Rack Mounted Sliding Panel Structure Optical Fiber Splitter s

Features

- Low Insertion loss
- Low PDL
- High Return Loss
- Compact Design
- Wide Operating Wavelength
- Wide Operating Temperature
- High Reliability and Stability
- Uniform Power Splitting

Applications

- Passive Optical Networks (PON)
- Cable Television (CATV Links)
- Local Area Networks (LAN)
- Test Equipment's
- Optical Signal Distribution
- FTTX Deployments (FTTP, FTTH, FTTN,
- FTTC, FTTB)

OPTICAL PARAMETERS

| Parameter | Item | | 2xN | | | | |
|---------------------------|---------|----|-------------------------------|-----|------|--------|------|
| | | | 2X2 | 2X4 | 2X8 | 2X16 | 2X32 |
| Insertion Loss (23 °C) | Typical | dB | 4.3 | 7.3 | 10.8 | 13.8 | 16.8 |
| | Max | dB | 4.6 | 7.9 | 11.3 | 14.8 | 17.8 |
| Channel Uniformity | Typical | dB | 0.6 | 0.8 | 1.0 | 1.5 | 2.0 |
| | Max | dB | 0.8 | 0.8 | 1.5 | 2.0 | 2.5 |
| PDL | Typical | dB | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| | Max | dB | 0.2 | 0.2 | 0.3 | 0.4 | 0.4 |
| Wavelength dependent loss | Typical | dB | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 |
| | Max | dB | 0.2 | 0.2 | 0.3 | 0.5 | 0.5 |
| Temperature stability | Typical | dB | 0.3 | 0.3 | 0.3 | 0.4 | 0.4 |
| | Max | dB | 0.5 | 0.5 | 0.5 | 0.5 | 0.5 |
| Operating Wavelength | nm | | 1260 ~ 1650 | | | | |
| Return Loss | Min. | dB | 50 | | | | |
| Directivity | Min. | dB | 55 | | | | |
| Operating Temperature | °C | | -40 ~ 85 | | | | |
| Storage Temperature | °C | | -40 ~ 85 | | | | |
| Fiber Length | | | 1.0±0.1 or Customer specified | | | | |
| Fiber Type | | | ITU G.652D,G.657A1/A2, | | | | |
| Connector Type | | | SC/APC | | | LC/APC | |

| Model No | Product ID | Ordering Information |
|----------|-------------|-----------------------------------|
| TMT-3349 | TMT-Y081LDL | 2X8 LC/APC SM RACK MOUNT SPLITTER |