

## 980~1120nm 1x20/2x20 High Power Fused Fiber Splitter Module

### FEATURES

- Low Excess Loss
- Variety Coupling Ratio
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

### APPLICATIONS

- LAN WAN Systems
- Signal Monitoring
- Network Monitoring
- CATV
- Test Equipments



### SPECIFICATIONS

| Parameter                  | Unit | 1x20/2x20/4x20  |
|----------------------------|------|---|
| Center Wavelength          | nm   | 975, 980, 990, 1000<br>1020, 1030, 1040, 1053, 1064<br>1070, 1080, 1092, 1103, 1120     |
| Passband Width             | nm   | +/-10   |
| Insertion Loss             | dB   | ≤16.0   |
| PDL                        | dB   | ≤0.40   |
| Uniformity                 | dB   | ≤2.2  |
| Optical Return Loss        | dB   | ≥40   |
| Directivity                | dB   | ≥50   |
| Fiber Type                 | -    | HI1060 Fiber or HI1060 Flex Fiber (F)<br>10/125um SC Fiber (E) or 10/125um DC Fiber (O) |
| Fiber Tensile Load         | N    | 5   |
| Maximum Optical Power (CW) | W    | 1, 2, 3, 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100                                     |
| Operating Temperature      | °C   | 0~50  |
| Storage Temperature        | °C   | -40~85  |
| Package Dimension          | mm   | (L)142x(W)102x(H)14.5   |

- Note:**
1. Specifications are for device without connectors; Specifications may change without notice.
  2. To add connectors, IL is 0.5dB higher, RL is 5dB lower.
  3. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.
  4. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.
  5. Package size may be different for different optical power and fiber type.

### ORDERING INFORMATION (PN)

| FCLT- <b>NNNN</b> | - <b>NXNN</b>   | -HP <b>NN</b> | - <b>C</b>           | <b>C</b>      | <b>NN</b>    | - <b>CC/CCC</b>         |
|-------------------|-----------------|---------------|----------------------|---------------|--------------|-------------------------|
| Center Wavelength | Configuration   | Optical Power | Fiber Type           | Fiber Sleeve  | Fiber Length | Connector Type          |
| 1064=1064nm       | 1X20= 1x20 Type | 1= 1W         | H= HI1060 Fiber      | B= Bare Fiber | 05=0.5m      | N=Without Connector     |
| 1053=1053nm       | 2X20= 2x20 Type | 2= 2W         | F= HI1060 Flex Fiber | L= Loose Tube | 10=1.0m      | FC/APC=FC/APC Connector |
| 1030=1030nm       | 4X20= 4x20 Type | 5= 5W         | E= 10/125SC Fiber    | 2= 2mm Cable  | 15=1.5m      | LC/PC=LC/PC Connector   |
| 980=980nm         |                 | 10=10W        | O= 10/125DC Fiber    | 3= 3mm Cable  | 20=2.0m      | SC/UPC=SC/UPC Connector |