

## High Power Single Mode Coupler Module

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|--|--|
| <b>Features</b>  |  |
| Low excess loss & low IL & Low PDL<br>High stability and reliability |  |
| <b>Application</b>   |  |
| CATV   |  |

### Specification

| Parameter                  | 1×4                        | 1×8   | 1×16      | 1×32       |
|----------------------------|----------------------------|-------|-----------|------------|
| Operating Wavelength (nm)  | 1550                       |       |           |            |
| Operating Bandwidth (nm)   | ±15                        |       |           |            |
| Insertion loss(dB)         | ≤7.6                       | ≤11.0 | ≤13.8     | ≤17.0      |
| Typical Excess Loss (dB)   | 0.3                        | 0.45  | 0.6       | 0.75       |
| PDL (dB)                   | ≤0.3                       | ≤0.4  | ≤0.5      | ≤0.6       |
| Uniformity (dB)            | <1.2                       | <1.8  | <2.4      | <3.0       |
| Directivity(dB)            | >50                        |       |           |            |
| Operating temperature (°C) | -20 ~ +70                  |       |           |            |
| Pigtail length             | 1 meter, others on request |       |           |            |
| Pigtail type               | 900μm, 2mm, 3mm loose tube |       |           |            |
| Power (W)                  | 5                          |       |           |            |
| Fiber Type                 | SMF-28e                    |       |           |            |
| Dimensions(L×W×H) (mm)     | 100×80×10                  |       | 120x80x18 | 141x115x18 |

### Ordering Information

| HP CP | Type                                | Port Type   | Wavelength (nm) | Coupling Ratio   | Pigtail Type   | Fiber Type | Length           | Connector  | Package  |
|-------|-------------------------------------|---|-----------------|------------------|--|------------|------------------|--|--|
|       | S=Single mode single window Coupler | 04=1x4<br>08=1x8<br>16=1x16<br>32=1x32X:<br>other | 1550            | EVEN<br>XX=Other | 1=900um loose tube<br>2=2mm loose tube<br>3=3mm loose tube | 1=SMF-28e  | 1= 1m<br>X:other | NE=None<br>FA=FC/APC<br>FC=FC/UPC<br>SA=SC/APC<br>SC=SC/UPC<br>LC=LC/UPC<br>LA=LC/APC<br>E2000=E2000/APC<br>XX=Other | 100=100x80x10<br>120=120*80*18<br>141x115x18<br>LGX 1U<br>LGX 2U<br>19" 1U<br>19" 2U |