

## Mini Size 1x4 Monolithic Single Mode Coupler

|  |  |
|--|--|
| <b>Features</b>  |  |
| Wide Bandwidth<br>Low Insertion Loss<br>High Reliability |  |
| <b>Applications</b>                                      |  |
| Telecommunications<br>CATV Network<br>FTTH/PON           |  |

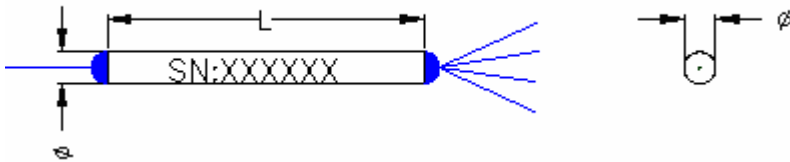
### Specifications

| Type<br>Parameter          | 1x4 CP-S    |       |
|----------------------------|-------------|-------|
| Operating wavelength (nm)  | 1310, 1550, |       |
| Operating bandwidth (nm)   | ±15         |       |
| Grade                      | P           | A     |
| Typical excess loss (dB)   | 0.15        | 0.20  |
| Insertion loss (dB)        | ≤7.2        | ≤7.4  |
| PDL(dB)                    | ≤0.2        | ≤0.25 |
| Uniformity (dB)            | ≤1.2        | ≤1.4  |
| Directivity (dB)           | ≥55         |       |
| Operating temperature (°C) | -40 ~ +85   |       |

### Package Information

| Configuration  | 1x4                   |
|----------------|-----------------------|
| Fiber length   | 1m, others on request |
| Fiber Type     | SMF-28e               |
| Pigtail type   | 250µm bare fiber      |
| Dimensions(mm) | Φ 2.4x30              |

### Package Dimensions



### Ordering Information

| CP | Type                            | Grade  | Port    | Wavelength         | Coupling Ratio | Pigtail Type       | Fiber Type    | Length           | Connector  | Package |
|----|---------------------------------|--------|---------|--------------------|----------------|--------------------|---------------|------------------|--|---------|
|    | S= Single mode standard coupler | P<br>A | 1x<br>4 | 13=1310<br>15=1550 | EVEN           | 0=250um bare fiber | 1=SM<br>F-28e | 1= 1m<br>X:other | NE=None<br>FC=FC/UPC<br>SC=SC/UPC<br>FA=FC/APC<br>SA=SC/APC<br>ST=ST/UPC<br>LC=LC/UPC<br>xx=Others | 2.4x25  |