



1x2 (2x2) Polarization Insensitive Coupler

Features of our coupler:

- Extremely Low PDL
- Low excess Loss
- High Stability and Reliability

Applications for our coupler:

- EDFA
- Optical communications systems
- Testing Instruments

Specifications:

| Parameter \ Grade | | U | P | A |
|---------------------------|----------|---------------------------------|--------|--------|
| Operating wavelength (nm) | | 1310 or 1550, others on request | | |
| Operating bandwidth (nm) | | +/-15 | | |
| Typical excess loss (dB) | | 0.1 | | |
| Insertion loss (dB) | 50/50 | <=3.6 | | |
| | 40/60 | <=4.7/2.8 | | |
| | 30/70 | <=6.0/2.0 | | |
| | 20/80 | <=8.0/1.3 | | |
| | 10/90 | <=11.5/0.8 | | |
| | 5/95 | <=14.8/0.5 | | |
| | 2/98 | <=19.0/0.35 | | |
| | 1/99 | <=22.0/0.3 | | |
| PDL (dB) | CR >=10% | <=0.01 | <=0.03 | <=0.07 |
| | CR < 10% | <=0.03 | <=0.05 | <=0.08 |
| Directivity (dB) | | >=55 | | |
| Operating temperature | | -40 ~ +85 | | |



| | |
|---------------------------|-----------|
| Operating temperature (C) | -40 ~ +85 |
|---------------------------|-----------|

Other specs can be made on customer request

Package Information:

| | | | |
|------------------------|----------------------------|------------------|--------------------------|
| Configuration | 1x2 or 2x2 | | |
| Fiber lead length | 1 meter, others on request | | |
| Fiber type | 250um bare fiber | 900um loose tube | 900um/2mm/3mm loose tube |
| Dimensions (Diam. x L) | Diam. 3.0mmx54mm | Diam. 3.0mmx70mm | 90mmx14mmx8.5mm |
| | Diam. 2.4mmx42mm | Diam. 3.0mmx54mm | |

Other package dimensions can be made on customer request

We have unbeatable price for this product.

- Price is updating, please make a request for our most recent price by calling (514) 334-4588 or by emailing sales2@o-eland.com