

## 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		

(C)

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](mailto:sales2@o-eland.com)