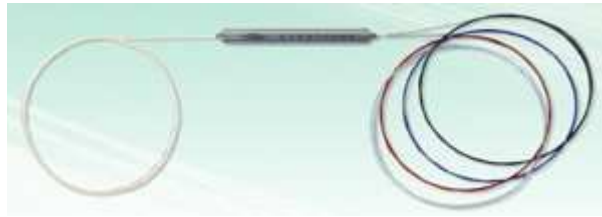




## 1x4 (4x4) Monolithic Dual Window Coupler (DWC)



### Overview:

1x4 , 4x4 monolithic dual window coupler feature compact package size, low insertion loss, and high reliability performance. These couplers could replace the dual window coupler modules used in FTTH and other communication systems.

### Features:

- \* Mini size
- \* Dual operating window
- \* High stability and reliability

### Applications:

- \* Optical communication systems
- \* FTTH
- \* Testing instruments

**Specification:**

Parameter	Type	1x4				4x4	
		Normal Size		Mini Size			
Operating wavelength (nm)		1310 and 1550					
Operating bandwidth (nm)		±40					
Grade		P	A	P	A	P	A
Typical excess loss (dB)		0.3	0.4	0.3	0.4	0.3	0.4
Insertion loss (dB)		<7.2	<7.5	<7.2	<7.5	<7.2	<7.8
PDL (dB)		<0.2	<0.3	<0.25	<0.35	<0.25	<0.35
Uniformity (dB)		<1.4	<1.8	<1.5	<2.0	<1.5	<2.0
Directivity (dB)		>55					
Operating temperature (°C)		-40 ~ +85					
Dimensions (φ × L)		φ 3.0mm × 54mm		φ 2.4mm × 30mm φ 3.0mm × 35mm		φ 4.0mm × 75mm	

\*Other specifications can be made on customer request.

**Package Information:**

Configuration	1 × 4	4 × 4
Fiber lead length	1 meter, others on request	
Fiber type	250 μm bare fiber	

\*Other package dimensions can be made on customer request.

**Ordering Information:**

