

# Single Mode Dual Window Wideband Tree Coupler Module

## Features:

- High Reliability
- Low WDL
- Ultra Low PDL
- High Directivity
- Excellent Environmental & Mechanical Stability

## Applications:

- Telecommunications
- LAN, WAN Systems
- CATV Systems
- Test Equipment & Fiber Sensors
- Network Monitoring



## Specifications<sup>1</sup>:

Parameter	Unit	Grade "A"			
Operating wavelength	nm	1310 & 1550+/-40			
Configuration		N×4 (N=1,2)	N×8 (N=1,2)	N×16 (N=1,2)	N×32 (N=1,2)
Insertion Loss	Typ.	6.4	9.3	12.4	15.5
	Max.	7.2	10.8	14.5	18.5
Uniformity	Max.	1.4	2.1	2.8	3.5
PDL	Max.	0.3	0.4	0.5	0.6
Directivity	Min.	55			
Thermal Stability	Max.	0.003	0.004	0.005	0.006
Fiber Length	m	1.0 meter, or on request			
Fiber Type		SMF-28, 900μm loose tube, 2mm or 3mm cable			
Operating Temperature	°C	0~70			
Storage Temperature	°C	-40~85			
Package (LxWxH) <sup>2</sup>	mm	1: 106×79×10	2: 125×96×15	3: 145×116×18	

1. Above values referred without connectors.

2. Smaller package size, LGX box and rack mount package are available.

**Dimension:**

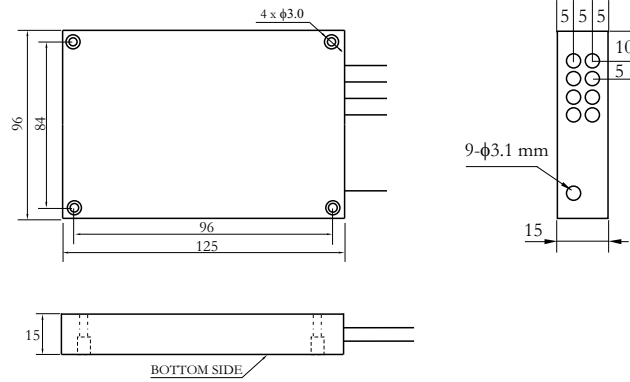


Figure 1. Package for 1x8 Splitter

**Order Information:**

SDWM -  $\frac{X}{A}$  -  $\frac{XXXX}{B}$  -  $\frac{XXXX}{C}$  -  $\frac{XXX}{D}$  -  $\frac{X}{E}$

A	Grade	A=Grade "A"
B	Central Wavelength	1315=1310 & 1550 nm
C	Fiber Type	900L=900 μm loose tube
		2000=2mm cable
		3000=3mm cable
D	Type	1x4=1 × 4
		2x4=2 × 4
		1x8=1 × 8
		1x16=1 × 16
G	Connector	N=W/O connector
		Y=With connector <sup>1</sup>

1. Please specify the type of connector when ordering if connector is required.