

Single Mode Broadband Tree Fiber Coupler

Features of our coupler:

- Wide bandwidth and low insertion
- Loss Excellent performance
- Consistent quality and high reliability

Applications for our coupler:

- Fiber distribution network
- LAN
- CATV Network
- Test Equipment

Specifications:

Parameter	Unit	Value							
		Single window				Dual-window			
Operating wavelength	nm	1310+/-40 / 1550+/-40							
Port (1xN)		N=3	N=4	N=5	N=6	N=8	N=16	N=24	N=32
Fiber type	dB	Corning SMF-28							
Insertion loss	dB	5.4/5.6	7.0/7.2	8.0/8.2	9.2/9.5	10.4/10.7	14.4/14.8	15.3/15.7	17.4/17.8
Uniformity	dB	0.5/0.6	0.7/0.8	1.1/1.2	1.3/1.5	1.5/1.7	1.7/2.0	2.0/2.3	2.2/2.5
Return loss	dB	>55							
Directivity	dB	>55							
PDL	dB	<0.20	<0.20	<0.30	<0.30	<0.30	<0.40	<0.50	<0.50
TDL	dB	<0.20	<0.20	<0.25	<0.25	<0.30	<0.40	<0.45	<0.50
Operating temperature	°C	-10 ~ +70							
Storage temperature	°C	-40 ~ +85							

* >60dB on request for 1x2 structure

Package dimension	D	E	F	G	LGX		J	Rack
Package dimension (mm)	112x80x10.6	130x90x15	100x80x10	140x102x15	1U	2U	133.5x96x18	19"
Installation dimension (mm)	102x72x4 Diam. 2.4	124x84x4 Diam.3.5	94x75x4 Diam. 3.2	128x92x4 Diam. 3.2			133.5x90x4 Diam. 3	
Box	Plastic Box	Metal Box	Metal box	Plastic box	Metal Box		Metal Box	Metal Box
	N=2;3;4	N=3;4(adapter)	N=2;3;4	N<=12	N<=4	N<=8	N<=32	N<=32 (adapter)

Ordering Information:

- Port: 1x4, 1x8, 1x16
- Wavelength: Single window: 1310, 1550nm ; Dual-window: 1310/1550nm
- Input/Output: Adapter, 1m fiber, customer request
- Cable diameter: adapter, 250um, 900um, 3mm
- Connector: FC/PC, FC/APC, SC/PC, SC/APC, customer request
- Package: from table: D, E, .. rack type

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