Single Mode Broadband Tree Coupler

The single mode broadband tree coupler (**STC**) includes single-window and dual-window broadband coupler is widely used in the fiber optical network. The products can be fabricated on a large scale with stable quality. They are designed and manufactured to meet to the Bellcore GR-1209-CORE requirements.

Features of our STC:

- Wide bandwidth
- Low insertion loss
- Consistent quality
- High reliability

Applications for our STC:

- Fiber distribution network
- Telecommunication networkk
- CATV network
- Testing instruments

Specifications:

single-window	1 x 4		1 x 8		1 x 16	
Grade	P	A	P	A	P	A
Operating Wavelength	1310nm or 1550nm					
Operating Bandwidth	± 40nm					
Insertion Loss	<= 6.8dB	<= 7.5dB	<= 10.2dB	<= 11.4dB	<= 13.6dB	<= 15.0dB
Uniformity	<= 1.2dB	<= 2.0dB	<= 2.0dB	<= 3.0dB	<= 2.4dB	<= 3.8dB
Directivity	>= 55dB					
Operating Temperature	-40°C ~ +70°C					
Storage Temperature	-40°C ~ +85°C					

dual - window	1 x 4		1 x 8		1 x 16	
Grade	P	A	P	A	P	A
Operating Wavelength	1310nm/ 1550nm					
Operating Bandwidth	± 40nm					

Insertion Loss	<= 7.2dB	<= 7.6dB	<= 10.8dB	<= 11.8dB	<= 14.5dB	<= 15.5dB
Uniformity	<= 1.5dB	<= 2.3dB	<= 2.3dB	<= 3.3dB	<= 3.0dB	<= 4.4dB
Directivity	>= 55dB					
Operating Temperature	-40°C ~ +70°C					
Storage Temperature	-40°C ~ +85°C					

Ordering Information:

- Coupling Ratio: Customized
- Input/Output: Adaptor or Connector (FC/APC, FC/UPC, SC/APC, SC/UPC, or others)
- Grade: Premium (P) or Grade A (A)

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