



Bi Directional RF Coupler - BroadBand - SMP Connectors

Coupler Features:

- BroadBand - 0.8 GHz to Greater Than 6 GHz
- Low Loss - Less Than 0.8 dB at 6 GHz
- Good Directivity - Greater Than 20 dB to 5.6 GHz
- RoHs Compliant

Part Number:

BBTLine_Coupler1_SMP

Description:

Shown below is a 4-Port Bi Directional RF Coupler With Male Smooth-Bore SMP Connectors (X4). The Coupler has excellent performance from 0.8 GHz to Greater Than 6 GHz.



Mechanical Dimensions:

SMP Smooth Bore Connectors (Male) (X4)



RF Specifications:

Specifications (at Room Temperature):		
Frequency Range [GHz]	0.8 to 6	
Insertion Loss [dB]	< 0.8	
Directivity [dB] (< 5.6 GHz)	> 20	
Mean Coupling [dB]	-19	
Coupling Ripple [dB]	+/- 2	
Return Loss [dB], All Ports	< -19	
RF Power [Watts]*	> 20 *	
* Note: 20 Watts is the test setup limitation, not the coupler power-handling limitation. Tested at a CW freq of 3.55 GHz		

Typical Device RF Performance:

