## Engineering Development Model

## Power Splitter/Combiner SBTC-ED12456/1

2 Way-0°

## **Important Note**

This model has been designed, built and tested in our engineering department. Performance data represents model capability. At present it is a non-catalog model. On request, we can supply a final specification sheet, part number and price/delivery information.



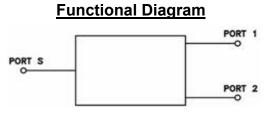
Please click "Back", and then click "Contact Us" for Applications support.

**CASE STYLE: AT790** 

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency		5		1000	MHz
Isolation	5 - 50 MHz		30		dB
	50 - 500 MHz		28		dB
	500 - 1000 MHz		21		dB
Insertion Loss Above 3.0 dB	5 - 50 MHz		0.20		dB
	50 - 500 MHz		0.30		dB
	500 - 1000 MHz		0.70		dB
Phase Unbalance	5 - 50 MHz		0.356		deg.
	50 - 500 MHz		0.468		deg.
	500 - 1000 MHz		0.613		deg.
Amplitude Unbalance	5 - 50 MHz		0.135		dB
	50 - 500 MHz		0.098		dB
	500 - 1000 MHz		0.071		dB
VSWR	SUM Port		1.05		(:1)
	<b>OUT Ports</b>		1.12		(:1)

MAXIMUM RATINGS			
Operating Temperature	-40°C to 85°C		
Storage Temperature	-55°C to 100°C		

PIN CONNECTIONS			
SUM PORT	6		
PORT 1	3		
PORT 2	4		
GND EXT	1, 2		
NOT USED	5		



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