## Engineering Development Model

# Power Splitter/Combiner SBTCJ-ED8081B/1

2 Way-180°

### **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.

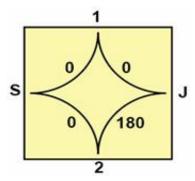
**CASE STYLE: AT790** 

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Тур.	Max.	Units
Frequency		1		800	MHz
Isolation	1 - 10 MHz		23		dB
	10 - 400 MHz		23		dB
	400 - 800 MHz		29		dB
Insertion Loss Above 3.0 dB	1 - 10 MHz		0.70		dB
	10 - 400 MHz		0.70		dB
	400 - 800 MHz		1.00		dB
Phase Unbalance	1 - 10 MHz		179.995		deg.
	10 - 400 MHz		178.863		deg.
	400 - 800 MHz		176.055		deg.
Amplitude Unbalance	1 - 10 MHz		0.003		dB
	10 - 400 MHz		0.057		dB
	400 - 800 MHz		0.516		dB
VSWR	SUM Port		1.20		(:1)
	OUT Ports		1.20		(:1)

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

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

## **Functional Diagram**



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