

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.



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CASE STYLE : AT790

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	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

