

Engineering Development Model

Power Splitter/Combiner

SBTCJ-ED11986/2

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 : AT1029

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		750	MHz
Isolation	1 - 10 MHz		23		dB
	10 - 375 MHz		22		dB
	375 - 750 MHz		25		dB
Insertion Loss Above 3.0 dB	1 - 10 MHz		0.60		dB
	10 - 375 MHz		0.60		dB
	375 - 750 MHz		0.90		dB
Phase Unbalance	1 - 10 MHz		180.047		deg.
	10 - 375 MHz		178.999		deg.
	375 - 750 MHz		176.556		deg.
Amplitude Unbalance	1 - 10 MHz		0.005		dB
	10 - 375 MHz		0.039		dB
	375 - 750 MHz		0.344		dB
VSWR	SUM Port		1.15		(:1)
	OUT Ports		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	1
PORT 2	3
GND EXT	2, 4
NOT USED	5

electrical schematic

