

Engineering Development Model

Power Splitter/Combiner

PSC-ED2981B/1

3 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.



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CASE STYLE : A01

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		1		820 MHz
Isolation	1 - 10 MHz		34	dB
	10 - 410 MHz		28	dB
	410 - 820 MHz		20	dB
Insertion Loss Above 4.8 dB	1 - 10 MHz		0.25	dB
	10 - 410 MHz		0.43	dB
	410 - 820 MHz		0.98	dB
Phase Unbalance	1 - 10 MHz		0.033	deg.
	10 - 410 MHz		0.975	deg.
	410 - 820 MHz		3.311	deg.
Amplitude Unbalance	1 - 10 MHz		0.000	dB
	10 - 410 MHz		0.035	dB
	410 - 820 MHz		0.310	dB
VSWR	SUM Port		1.23	(:1)
	OUT Ports		1.09	(:1)

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1	5
PORT 2	7
PORT 3	8
GND EXT	2, 3, 4, 6
CASE GND	2, 3, 4, 6

Functional Diagram

