

Engineering Development Model

Power Splitter/Combiner

TRPS-ED12747/2

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.



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CASE STYLE : AT577

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.5		400 MHz
Isolation	0.5 - 5 MHz		27	dB
	5 - 200 MHz		25	dB
	200 - 400 MHz		22	dB
Insertion Loss Above 3.0 dB	0.5 - 5 MHz		0.25	dB
	5 - 200 MHz		0.20	dB
	200 - 400 MHz		0.22	dB
Phase Unbalance	0.5 - 5 MHz		0.586	deg.
	5 - 200 MHz		0.184	deg.
	200 - 400 MHz		0.444	deg.
Amplitude Unbalance	0.5 - 5 MHz		0.121	dB
	5 - 200 MHz		0.064	dB
	200 - 400 MHz		0.072	dB
VSWR	SUM Port		1.10	(:1)
	OUT Ports		1.10	(:1)

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1	6
PORT 2	3
GND EXT	2,5
50Ω TERMINATION	4

Functional Diagram

