

Power Splitter/Combiner

TCP-ED10229/3

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 : AT224

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		2		500	MHz
Isolation	2 - 20 MHz		35		dB
	20 - 250 MHz		29		dB
	250 - 500 MHz		20		dB
Insertion Loss Above 3.0 dB	2 - 20 MHz		0.35		dB
	20 - 250 MHz		0.40		dB
	250 - 500 MHz		0.60		dB
Phase Unbalance	2 - 20 MHz		0.514		deg.
	20 - 250 MHz		0.257		deg.
	250 - 500 MHz		0.776		deg.
Amplitude Unbalance	2 - 20 MHz		0.179		dB
	20 - 250 MHz		0.162		dB
	250 - 500 MHz		0.106		dB
VSWR	SUM Port		1.07		(:1)
	OUT Ports		1.16		(:1)

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

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

Functional Diagram

