Engineering Development Model

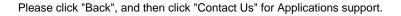
Power Splitter/Combiner

TCP-ED10349/1

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.





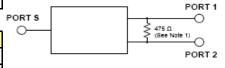
CASE STYLE: DB714

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C						
Parameter		Min.	Тур.	Max.	Units	
Frequency		20		3000	MHz	
Isolation	20 - 200 MHz		30		dB	
	200 - 1500 MHz		25		dB	
	1500 - 3000 MHz		15		dB	
Insertion Loss (Above 3.0 dB)	20 - 200 MHz		0.60		dB	
	200 - 1500 MHz		0.60		dB	
	1500 - 3000 MHz		0.90		dB	
Phase Unbalance	20 - 200 MHz		0.02		deg.	
	200 - 1500 MHz		0.75		deg.	
	1500 - 3000 MHz		2.84		deg.	
Amplitude Unbalance	20 - 200 MHz		0.03		dB	
	200 - 1500 MHz		0.13		dB	
	1500 - 3000 MHz		0.35		dB	
VSWR	SUM Port		2.00		(:1)	
	OUT Ports		2.00		(:1)	

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

PIN CONNECTIONS (NOTE 1)				
SUM PORT	6, 5, 2			
PORT 1	3			
PORT 2	4			
GND EXT	0			

Functional Diagram



NOTE 1: EXTERNAL RESISTOR 475Ω SHOULD BE CONNECTED BETWEEN PINS 3,4.