

# Power Splitter/Combiner

## JPS-ED7721/1

### 4 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 : 99-01-691

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		1		541	MHz
Isolation	1 - 10 MHz		45		dB
	10 - 270.5 MHz		30		dB
	270.5 - 541 MHz		26		dB
Total Loss Above 6.0 dB	1 - 10 MHz		0.62		dB
	10 - 270.5 MHz		0.62		dB
	270.5 - 541 MHz		1.18		dB
Phase Unbalance	1 - 10 MHz		1.155		deg.
	10 - 270.5 MHz		0.766		deg.
	270.5 - 541 MHz		3.462		deg.
Amplitude Unbalance	1 - 10 MHz		0.288		dB
	10 - 270.5 MHz		0.228		dB
	270.5 - 541 MHz		0.392		dB
VSWR	SUM Port		1.28		(:1)
	OUT Ports		1.17		(:1)

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

PIN CONNECTIONS	
SUM PORT	5
PORT 1	1
PORT 2	3
PORT 3	4
PORT 4	6
GND EXT	2

#### Functional Diagram

