

Engineering Development Model

Power Splitter/Combiner

JYPQ-ED7748/5

2 Way-90°

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 : BJ293

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		110		175 MHz
Isolation	110 - 175 MHz		23	
Insertion Loss				
Average of Coupled Outputs	110 - 175 MHz		0.28	
above 3.0 dB				
Phase Unbalance	110 - 175 MHz		0.650	
				deg.
Amplitude Unbalance	110 - 175 MHz		0.244	
				dB
VSWR	SUM Port		1.18	
	OUT Ports		1.19	
				(:1)

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

PIN CONNECTIONS	
SUM PORT	8
PORT 1	1
PORT 2	4
GND EXT	2, 3, 6, 7
50Ω TERMINATION	5

Functional Diagram

