

## Engineering Development Model

# Power Splitter/Combiner

# TPQ-ED8115

## 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 : NNN150

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		900		1200 MHz
Isolation	900 - 1200 MHz		19	
Insertion Loss				
Average of Coupled Outputs	900 - 1200 MHz		0.25	
above 3.0 dB				
Phase Unbalance	900 - 1200 MHz		0.093	
				deg.
Amplitude Unbalance	900 - 1200 MHz		0.391	
				dB
VSWR	SUM Port		1.07	
	OUT Ports		1.20	
				(:1)
				(:1)

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

PIN CONNECTIONS	
SUM PORT	
PORT 1	
PORT 2	
GND EXT	
CASE GND	
NOT USED	

### Functional Diagram

