

Engineering Development Model

Power Splitter/Combiner

QCN-ED12675B

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 : FV1206-1

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		150		500 MHz
Isolation	150 - 500 MHz		27	
Insertion Loss				
Average of Coupled Outputs	150 - 500 MHz		0.60	
above 3.0 dB				
Phase Unbalance from 90°	150 - 500 MHz		4.50	
Amplitude Unbalance	150 - 500 MHz		1.00	
VSWR	SUM Port		1.80	(:1)
	OUT Ports		1.07	(:1)

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

PIN CONNECTIONS	
SUM PORT	1
PORT 1 (0°)	4
PORT 2 (+90°)	6
50Ω TERM. EXTERNAL	3
GND	2,5

Functional Diagram

