

Engineering Development Model

Power Splitter/Combiner

TCP-ED12245

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.



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CASE STYLE : DB714

ELECTRICAL SPECIFICATIONS 75Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		5		1000 MHz
Isolation	5 - 50 MHz		30	dB
	50 - 500 MHz		33	dB
	500 - 1000 MHz		27	dB
Insertion Loss Above 3.0 dB	5 - 50 MHz		0.30	dB
	50 - 500 MHz		0.30	dB
	500 - 1000 MHz		0.70	dB
Phase Unbalance	5 - 50 MHz		0.476	deg.
	50 - 500 MHz		0.298	deg.
	500 - 1000 MHz		0.607	deg.
Amplitude Unbalance	5 - 50 MHz		0.198	dB
	50 - 500 MHz		0.155	dB
	500 - 1000 MHz		0.107	dB
VSWR	SUM Port		1.10	(:1)
	OUT Ports		1.19	(:1)

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

Functional Diagram

