

Engineering Development Model

Module: Power Splitter/Combiner and Coupler*

2DSCM-ED13504

*2 Splitters and 2 Couplers

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 : 99-01-1379

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C

Parameter			Min.	Typ.	Max.	Units
Frequency			700		985	MHz
Isolation	OUT 1 - OUT 2	700-985 MHz		25		dB
	CPL-OUT 1 & CPL-OUT 2	700-985 MHz		42		dB
Insertion Loss Above 3.0 dB	IN-OUT 1 & IN-OUT 2	700-985 MHz		0.45		dB
Insertion Loss	IN-CPL	700-985 MHz		21		dB
Phase Unbalance		700-985 MHz		0.25		deg.
Amplitude Unbalance		700-985 MHz		0.01		dB
VSWR	SUM Port			1.14		(:1)
	OUT Ports			1.13		(:1)

MAXIMUM RATINGS

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

COAXIAL CONNECTIONS

INPUT	S
OUTPUT 1	1
OUTPUT 2	2
COUPLING	CPL