

Engineering Development Model

Power Splitter/Combiner

2 Way-0°

SXPS-ED13856/1

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 : HF1458

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C				
Parameter		Min.	Typ.	Max. Units
Frequency		0.1		300 MHz
Isolation	0.1-1 MHz	-	25	-
	1-150 MHz	-	30	-
	150-300 MHz	-	25	-
Insertion Loss Above 3.0 dB	0.1-1 MHz	-	0.10	-
	1-150 MHz	-	0.30	-
	150-300 MHz	-	0.60	-
Phase Unbalance	0.1-1 MHz	-	0.10	-
	1-150 MHz	-	0.10	-
	150-300 MHz	-	0.20	-
Amplitude Unbalance	0.1-1 MHz	-	0.10	-
	1-150 MHz	-	0.10	-
	150-300 MHz	-	0.10	-
VSWR	SUM PORT	-	1.15	-
	OUTPUT PORTS	-	1.20	-

MAXIMUM RATINGS	
Operating Temperature	-40°C to 85°C
Storage Temperature	-55°C to 100°C
Power Input (as a splitter)	1W
Internal Dissipation	0.125W

PIN CONNECTIONS	
SUM PORT	1
PORT 1	5
PORT 2	6
GROUND	2,3,4,7,8

electrical schematic



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