

Engineering Development Model

Power Splitter/Combiner

4 Way-0°

LRPS-ED8835A/2

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 : QQQ130

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		0.3		180	MHz
Isolation	0.3 - 3 MHz		50		dB
	3 - 90 MHz		40		dB
	90 - 180 MHz		26		dB
Insertion Loss Above 6.0 dB	0.3 - 3 MHz		0.60		dB
	3 - 90 MHz		0.50		dB
	90 - 180 MHz		0.80		dB
Phase Unbalance	0.3 - 3 MHz		1.745		deg.
	3 - 90 MHz		0.486		deg.
	90 - 180 MHz		1.462		deg.
Amplitude Unbalance	0.3 - 3 MHz		0.230		dB
	3 - 90 MHz		0.130		dB
	90 - 180 MHz		0.173		dB
VSWR	SUM Port		1.18		(:1)
	OUT Ports		1.15		(:1)

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

PIN CONNECTIONS	
SUM PORT	5
PORT 1	1
PORT 2	3
PORT 3	4
PORT 4	6
GND EXT	2

Functional Diagram

