

# Engineering Development Model

## Power Splitter/Combiner

## SYPJ-ED14518/1

### 2 Way-180°

#### 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.



Please click "Back", and then click "Contact Us" for Applications support.

**CASE STYLE : AH202-1**

ELECTRICAL SPECIFICATIONS 50Ω @ +25°C					
Parameter		Min.	Typ.	Max.	Units
Frequency		500		2700	MHz
Isolation	500-1350 MHz		15		dB
	1350-2700 MHz		20		dB
Insertion Loss Above 3.0 dB	500-1350 MHz		0.80		dB
	1350-2700 MHz		1.50		dB
Phase Unbalance	500-1350 MHz		4.0		deg.
	1350-2700 MHz		6.0		deg.
Amplitude Unbalance	500-1350 MHz		0.30		dB
	1350-2700 MHz		0.60		dB
VSWR	SUM Port		1.65		(:1)
	OUT Ports		1.45		(:1)

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

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

#### Functional Diagram



ISO 9001 ISO 14001 AS 9100 CERTIFIED



REV. X1  
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