

# 180° Two-Way Power Divider 5 - 1000 MHz

H-81-4

#### **Features**

- Broadband Frequency Range
- Low Loss Less Than 1.3 dB Max
- VSWR 1.4:1 Max

## Guaranteed Specifications\*

(From -55°C to +85°C)

Frequency Range		5-1000 MHz
Insertion Loss (Less coupling)	5-100 MHz 100-1000 MHz	0.7 dB Max 1.4 dB Max
Isolation	5-100 MHz 100-1000 MHz	20 dB Min 25 dB Min
Amplitude Balance	5-100 MHz 100-1000 MHz	0.2 dB Max 0.5 dB Max
Phase Balance	5-100 MHz 100-1000 MHz	5° Max 2.5° Max
VSWR (All Ports)		1.4:1 Max

#### **Operating Characteristics**

Impedance	50 Ohms Nominal
Maximum Power Rating or Input Power	2.0 Watts Max
Internal Load Dissipation	0.5 Watt Max
Environmental	

<sup>\*</sup> All specifications apply with 50 ohm source and load impedance.

### **Ordering Information**

Part No.		Package
Fait NO.		rackaye
H-81-4	N	Connectorized
H-81-4	SMA	Connectorized
H-81-4	TNC	Connectorized
H-81-4	BNC	Connectorized

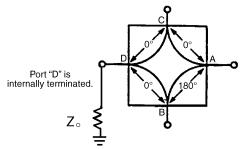
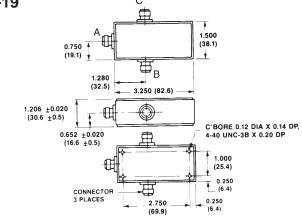


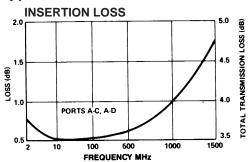
Figure 1. 2-way, In-Phase (180°) Power Divider/Summer, or ISO-T

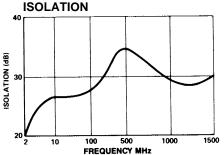
#### C-19

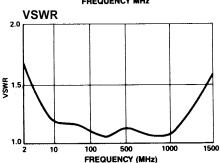


Dimensions in ( ) are in mm. Unless Otherwise Noted:  $.xxx = \pm 0.015$  ( $.xx = \pm 0.4$ ) WEIGHT (APPROX.): 5.47 OUNCES 155 GRAMS

#### Typical Performance







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