



## Dual Directional 50 dB N Coupler From 20 MHz to 500 MHz Rated To 1000 Watts

### TECHNICAL DATA SHEET

PE2CP1003

#### Configuration

Connector 1	N Female
Connector 2	N Female
Coupled Connectors	SMA Female
Design	Dual Directional Coupler

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	20		500	MHz
Directivity	20			dB
Impedance		50		Ohms
Insertion Loss			0.1	dB
Input Power			1	KWatts
Input VSWR			1.25:1	
Coupling Value		50		dB
Coupling Tolerance			± 1	dB
Coupling Flatness			± 0.5	dB

#### Mechanical Specifications

##### Temperature

Operating Range -55 to +85 deg C

##### Size

Length 2.5 in [63.5 mm]  
 Width/Dia. 1.11 in [28.19 mm]  
 Height 1.5 in [38.1 mm]

Housing Material and Plating Aluminum Alloy, Chem Film

#### Connectors

Description	Connector 1	Connector 2	Coupled Connectors
Type	N Female	N Female	SMA Female

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant

#### Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Dual Directional 50 dB N Coupler From 20 MHz to 500 MHz Rated To 1000 Watts PE2CP1003](#)



