

RF Power Sensors (30-1000 MHz)

MODEL	UNIDIRECTIONAL	BIDIRECTIONAL	
ELECTRICAL SPECIFICATIONS			
Frequency Range, MHz	See Ordering Information	See Ordering Information	
Sensor Output, VDC	0-5	0-5	
Directivity, F/B Isolation, dB	30	30	
Insertion Loss, dB	0.1 or better	0.1 or better	
Return Loss, dB	20.8 or better	20.8 or better	
Impedance, Ohms	50	50	
MECHANICAL SPECIFICATIONS			
Connector	N(F) and N(M)	N(F) and N(M)	
Sensor Output Connector	RCA Phono (F)	RCA Phono (F)	
DIMENSIONS			
RCA Phono Connectors: Height, in(mm)	0.34 (8.6)	0.34 (8.6)	
Width, in(mm)	3.3 (84.8)	4.8 (120.7)	
Height, in(mm)	1.1 (27.9)	1.1 (27.9)	
Depth, in(mm)	1.1 (27.9)	1.1 (27.9)	
Net Weight, lb(kg)	2 (0.9)	2 (0.9)	
Shipping Weight, lb(kg)	5 (2.3)	5 (2.3)	
ORDERING INFORMATION			
Model Number	Frequency	Rating (Watts)	Description
DB8881A-1000	406-1000	1000	Unidirectional Sensor, N-Female input
DB8883A-1000	406-1000	1000	Unidirectional Sensor, N-Male input
DB8882A-1000	406-1000	1000	Bidirectional Sensor
DB8885A-1000	100-325	1000	Bidirectional Sensor
DB8888A-1000	30-88	1000	Bidirectional Sensor
DB8881A-350	406-1000	350	Unidirectional Sensor, N-Female input
DB8883A-350	406-1000	350	Unidirectional Sensor, N-Male input
DB8882A-350	406-1000	350	Bidirectional Sensor
DB8885A-350	100-325	350	Bidirectional Sensor
DB8888A-350	30-88	350	Bidirectional Sensor
DB8881A-100	406-1000	100	Unidirectional Sensor, N-Female input
DB8883A-100	406-1000	100	Unidirectional Sensor, N-Male input
DB8882A-100	406-1000	100	Bidirectional Sensor
DB8885A-100	100-325	100	Bidirectional Sensor
DB8888A-100	30-88	100	Bidirectional Sensor



Bidirectional
(for forward and reverse power)



Unidirectional
(for forward power)