

HIGH POWER FIXED ATTENUATORS



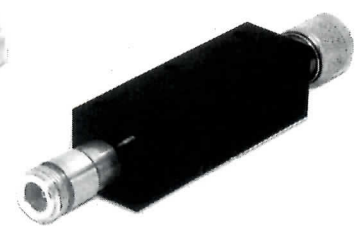
5405 Types



N5410 Types



N5425 Types



N4450 Types

GENERAL SPECIFICATIONS

Frequency Ranges . . . DC-6 GHz, DC-4 GHz
 Attenuation Values . . . 3, 6, 10, 20, 30 dB standard
 Values up to 60 dB available
 RF Power See table
 Peak Power - 5 usec pulse,
 .05% Duty Cycle
 Nominal Impedance. .50 Ohms

Connectors SMA or Type N M/F

Material:

Connectors Stainless Steel
 Center Conductors . . Gold Plated
 Beryllium Copper
 Housing Black Anodized Aluminum
 Form Factor SMA 0-3393
 Type N 0-3395

5 WATT MODELS

Freq Range (GHz)	RF Power (W)		Atten (Nom dB)	Deviation (±dB)	VSWR (Max)		Length (Max)		Dia (Max)	Model No. *	
	Avg	Peak			DC-4.0	4.0-6.0	SMA	N		SMA Conn	N Conn
DC-6.0	5	250	1-6	0.30	1.15	1.20	1.23	1.93	0.63	5405-XX	N5405-XX
			7-20	0.50			1.23	1.93			
			21-30	0.75			1.23	1.93			
			31-60	1.50			1.51	2.22			

10 WATT MODELS

Freq Range (GHz)	RF Power (W)		Atten (Nom dB)	Deviation (±dB)	VSWR (Max)	Length (Max)		Dia (Max)	Model No. *	
	Avg	Peak				SMA	N		SMA Conn	N Conn
DC-6.0	10	500	1-6	0.30	1.20	1.74	2.45	1.02	5410-XX	N5410-XX
			7-20	0.50						
			21-40	0.70						

20 WATT MODELS

Freq Range (GHz)	RF Power (W)		Atten (Nom dB)	Deviation (±dB)	VSWR (Max)	Length (Max)		Dia (Max)	Model No. * Standard Values Only	
	Avg	Peak				SMA	N		SMA Conn	N Conn
DC-6.0	20	500	1-6	0.30	1.20	2.38	3.10	1.52	5420-XX	N5420-XX
			7-20	0.50						
			21-30	0.75						

50 WATT MODELS (Requires Heat Sinking)

Freq Range (GHz)	RF Power (W)		Atten (Nom dB)	Deviation (±dB)		VSWR (Max)	Length (Max)		Dia (Max)	Model No. *	
	Avg	Peak		DC-2.0	2.0-4.0		DC-4.0	SMA		N	SMA Conn
DC-4.0	50	5000	1-6	0.30	0.50	1.25	4.67	5.35	1" Sq	4450-XX	N4450-XX
			7-20	0.50	0.75						
			21-40	1.00	1.50						

* XX = Value of Attenuation. Ex: N5410 -16