

SMA 5 and 10 Watt Attenuators

Medium Power Series

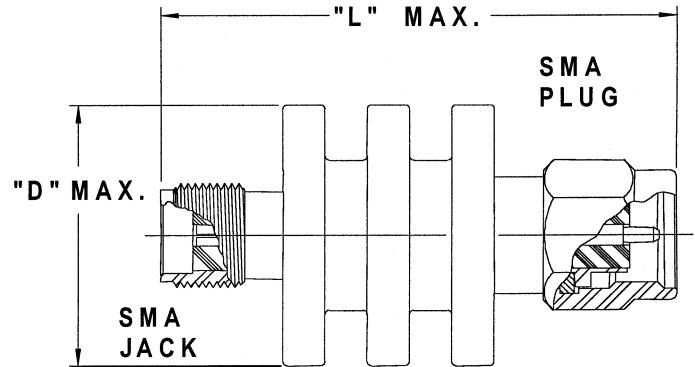
V2.00

Features

- Excellent Power Handling
- Low VSWR Across Band
- Uniform Broad Band Performance
- Free Air Convection – Not Forced Air
- No Additional Heat Sink Required
- Lightweight
- Plug to Jack Standard with P-P & J-J Available

Description

High performance power attenuators with SMA connectors. A variety of attenuation values are standard (see below) and other values are available in 1 dB increments between 0 and 20 dB upon request for the 5 Watt units. Free air convection is all that is needed and units may be mounted on any axis for dissipation. Forced air convection can extend power to ambient derating curve. Derating is Full Power -65 to +25°C derates to 10% at 125°C.



Ordering Information

Part Numbers	Avg. Power (Watts)	Freq. Range (GHz)	L Max.	D Max	VSWR MAX. DC-4	VSWR MAX. 4-12.4	VSWR MAX. 12.4-15	VSWR MAX. 15-18
2082-6502-XXL	10	DC-18	1.99	.70	1.20	1.30	1.40	1.45
2082-6503-XXL	10	DC-12.4	1.99	.70	1.20	1.30	N/A	N/A
2082-6504-XXL	10	DC-4	1.99	.70	1.20	N/A	N/A	N/A
2082-6524-XX	5	DC-18	1.25	.64	1.15	1.25	1.35	1.35
2082-6510-XX	5	DC-12.4	1.25	.64	1.15	1.25	N/A	N/A
2082-6520-XX	5	DC-4	1.25	.64	1.15	N/A	N/A	N/A

2082-6502-XX 2082-6503-XX	Attenuation	2082-6504-XX 2082-6520-XX	Attenuation	2082-6524-XX 2082-6510-XX	Attenuation
-XX = -03-	3 dB ±0.5	-XX = -03-	3 dB ±0.3	-XX = -03-	3 dB ±0.5
-XX = -06-	6 dB ±0.5	-XX = -06-	6 dB ±0.3	-XX = -06-	6 dB ±0.5
-XX = -10-	10 dB ±0.75	-XX = -10-	10 dB ±0.5	-XX = -10-	10 dB ±0.75
-XX = -20-	20 dB ±1.00	-XX = -20-	20 dB ±0.75	-XX = -20-	20 dB ±1.00
-XX = -30-	30 dB ±1.25	-XX = -30-	30 dB ±0.75	-XX = -30-	30 dB ±1.00