



Sunny 50 Ohm Fixed Attenuator

Model : SUN-FA-XX-YY-Z

Where

XX : Power Rating (5, 10, 20, 50, 100W, etc)

YY : Attenuation Value (3, 6, 10, 20, 30dB, etc)

Z : Connector (DIN, N, SMA, etc)

Product Specification For Fixed Attenuators

	5W Series	10W Series	20W Series	50W Series	100W Series
Model	SUN-FA-5-YY-N	SUN-FA-10-YY-N	SUN-FA-20-YY-N	SUN-FA-50-YY-N	SUN-FA-100-YY-N
Frequency	DC-3GHz				
Attenuation (dB)¹	3,6,10,20,30				
Power (W)²	5	10	20	50	100
Accuracy	DC-1GHz 1-10dB, ±0.5dB 11-20dB, ±0.5dB	DC-1GHz 1-10dB, ±0.5dB 11-20dB, ±0.5dB	DC-3GHz ±1.5dB	DC-3GHz 1-5dB, ±0.5dB 5-10dB, ±1dB	DC-3GHz 1-5dB, ±0.5dB 5-10dB, ±1dB
	1-2 GHz 1-10dB, ±0.5dB 11-20dB, ±0.5dB	1-2 GHz 1-10dB, ±0.5dB 11-20dB, ±0.5dB		DC-2GHz 10-20dB, ±1dB	DC-2GHz 10-20dB, ±1dB
	2-3GHz 1-10dB, ±1dB 11-20dB, ±1dB	2-3GHz 1-10dB, ±1dB 11-20dB, ±1dB		2G-3GHz 10-20dB, ±2dB	2G-3GHz 10-20dB, ±2dB
VSWR	≤1.2				
Impedance	50 Ω				
Connector³	SMA (M/F), N(M/F)		DIN (M/F), SMA (M/F), N(M/F)		
Ambient Temperature	-40 to +65 °C	-40 to +60 °C	-40 to +65 °C	-55 to 100 °C	-55 to 100 °C
Environment	Indoor / Outdoor ⁴				
Material	Aluminium Alloy		Aluminium Anodized		
Color	Silver		Black		
Dimension⁵	Φ16mm×55±1mm	Φ25x75mm	35x25x80mm	60x50x70mm	100x80x150mm
Weight	0.05 g	0.12 kg	0.3 kg	0.4 kg	1.5 kg

¹ Attenuation Value can be pre-selected from 3-30dB

² Sunny also offers other Power Rating such as 60W

³ Connector can be others types

⁴ The model for outdoor unit is **SUN-FA-XX-YY-Z-WP**

⁵ Not included with the Connector



5W Model



10W Model



20W Model



50W Model



100W Model

Technical data are subjected to change without notice – File: SUN-FA-XX-YY-Z datasheet 2009V1.0