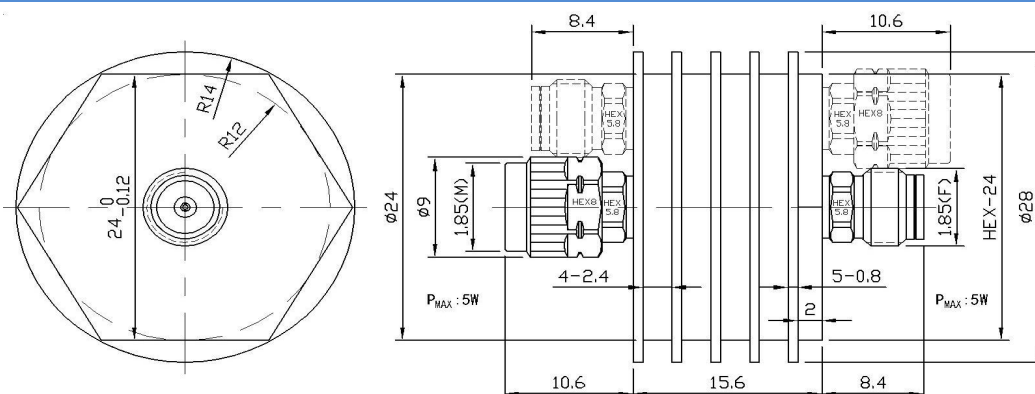


Applications

- | | | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • DC~69GHz Frequency Range • Max Power 5W • VSWR <ul style="list-style-type: none"> < 1.60 C-Class < 1.45 B-Class < 1.30 A-Class < 1.20 S-Class | <ul style="list-style-type: none"> • Miniature Size • 1.85mm Interfaces | <ul style="list-style-type: none"> • Instrumentation • Precision measurements • Prototyping and characterization • Production systems |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Outer Conductor	Coupling Nut	Passivated Stainless Steel	Temp. Range	Storage	-55°C~125°C
	Radiator	Black Anodized Aluminum Heatsink		Working Temp.	-55°C~100°C
Inner Conductor	Male	Beryllium Copper Gold plated($\geq 1.27\mu\text{ m}$)	Altitude	Storage	< 15300 Meters
	Female	Beryllium Copper Gold plated($\geq 1.27\mu\text{ m}$)		Working Temp.	< 4800 Meters
Weight	28 g				

Model	Frequency Range(GHz)	Attenuation(dBc) and accuracy				Return Loss(dB)
		1~3	4~8	9~15	26~40	
AT0565C-XX	DC~67GHz	-0.8/+1.2	-0.9/+1.5	-1.0/+1.0	-1.0/+1.5	-12.7
AT0565B-XX	DC~67GHz	-0.7/+1.0	-0.8/+1.2	-0.8/+0.8	-0.9/+1.2	-14.7
AT0565A-XX	DC~67GHz	-0.6/+0.9	-0.7/+1.0	-0.7/+0.7	-0.8/+1.0	-17.7
AT0565S-XX	DC~67GHz	-0.5/+0.8	-0.6/+0.9	-0.6/+0.6	-0.6/+0.8	-20.8

Working time: no air cooling, ≤ 5 minutes; with air cooling, air volume ≥ 3 CFM, long-term work

- 1、All physical dimensions are in mm and the tolerance is $\pm 1\%$
- 2、The network analyzer tests in the whole frequency band, 100% electrical performance test.
- 3、Special connectors and special attenuation can be customized according to customer requirements