

### Fixed Attenuator

**DC to 6 GHz**  
**1dB**  
**5 Watt**  
**N Type Connectors**

### Features

- High attenuation accuracy
- Small VSWR
- Ceramic chip
- Low cost-high performance

### Specifications

Frequency Range      DC to 6 GHz  
 Attenuation            1 dB  
 Attenuation Accuracy ( Max. )  
                                  ± 0.45 dB over DC - 6 GHz

Nominal Impedance    50 Ohm  
 Average Power         5 Watt  
 Operating Temperature -55    to +105  
 Storage Temperature   -55    to +125

**Note:**

**AVERAGE POWER:** 5W average to 25°C to 85°C ambient temperature,  
 derated linearly to 0.5W @ 105°C.

### Model No. Description

FATXXXXXX

- X- power handling: 2W or 5W.
- X- connector type: SMA, N type or SMB connector.
- XX- attenuation: \*\*dB.
- XX- 06 represents type number

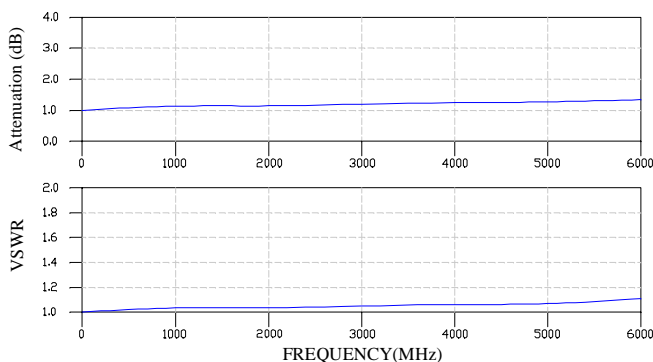
FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 3	1.10	
3 to 4	1.15	
4 to 6	1.20	
DC to 6		1.30

### Material & Plating

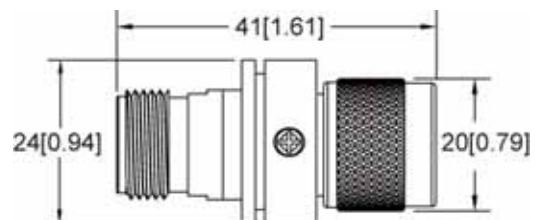
Parts	Material	Plating(Micro-inch)
Body & Nut	Brass	Ternary alloy
Contact (female & male)	QSn6.5-0.1	Gold 30
Insulator	Teflon	

### Characteristic

For example the testing curves of FAT0601N5



### Package Outlines



Package type: N

Note: all dimensions shown in mm & inch

**Yantel Corporation**

Add : 3F, Building 3, Southern District 2 of Zhongguan Honghualing Industrial Park, Xili, Nanshan, Shenzhen, China  
 Tel : 86-755-8355-1886 Fax : 86-755-8355-2533

For detailed performance specs & shopping online see Yantel web site : [www.yantel-corp.com](http://www.yantel-corp.com)