

### **Fixed Attenuator**

- DC to 6 GHz
- ◆ 50 dB
- ♦ 5 Watt
- N Type Connectors

#### Features

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

# Model No. Description

 X- power handling: 2W or 5W.

 X- connector type: SMA, N type or

 SMB connector.

 XX- attenuation: \*\*dB.

 XX- 06 represents type number

### Specifications

Frequency Range	DC to 6 GHz		
Attenuation	50 dB		
Attenuation Accuracy (Max.)			
	$\pm$ 1.5 dB over DC - 6 GHz		

Nominal Impedance50 OhmAverage Power5 WattOperating Temperature-55 °C to +125°CStorage Temperature-55 °C to +125°C

FREQ. RANGE (GHz)	Typical VSWR(:1)	Maximum VSWR(:1)
DC to 3	1.15	
3 to 4	1.20	
4 to 6	1.25	
DC to 6		1.30

# Package Outlines HEX18 [0.94] [0.94] [2.04]

### **Material & Plating**

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

Package type: N Note: all dimensions shown in mm & inch

Yantel Corporation

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For detailed performance specs & shopping online see Yantel web site :  $\underline{www.yantel-corp.com}$ 



#### Note:

### Average power at 25°C ambient, derate linearly to 0.5W at 125°C

