



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## HT-3006 50 Ohm ATTENUATOR SPECIFICATIONS

**HT-3006 30dB  
6GHz / 2w**



### ■ ELECTRICAL SPECIFICATIONS

ITEM	MIN	TYP	MAX	UNIT
Frequency Range	DC ~ 6000			MHz
Impedance	50			$\Omega$
Insertion Loss (0.3 ~ 3000 MHz)	29.7	30	30.3	dB
Return Loss / VSWR (0.3 ~ 3000 MHz)	25 / 1.119	30 / 1.065		dB
Flatness (0.3 ~ 3000 MHz)		0.3	0.6	dB
Insertion Loss (3001 ~ 6000 MHz)	29.5	30	30.5	dB
Return Loss / VSWR (3001 ~ 6000 MHz)	20 / 1.222	25 / 1.119		dB
Flatness (3001 ~ 6000 MHz)		0.5	1	dB
Power Rating		1.0	2.0	W

### ■ MECHANICAL SPECIFICATIONS

ITEM	DESCRIPTION	UNIT
Housing	Copper Tube	
Connector	50 $\Omega$ , Male & Female SMA	
Connector Screw Thread	W 1/4"-36UNF	inch
Dimensions	9.35( $\phi$ ) x 30	mm
Net Weight	8	g

# HT-3006

## Insertion Loss and Return Loss

Span: 6000MHz

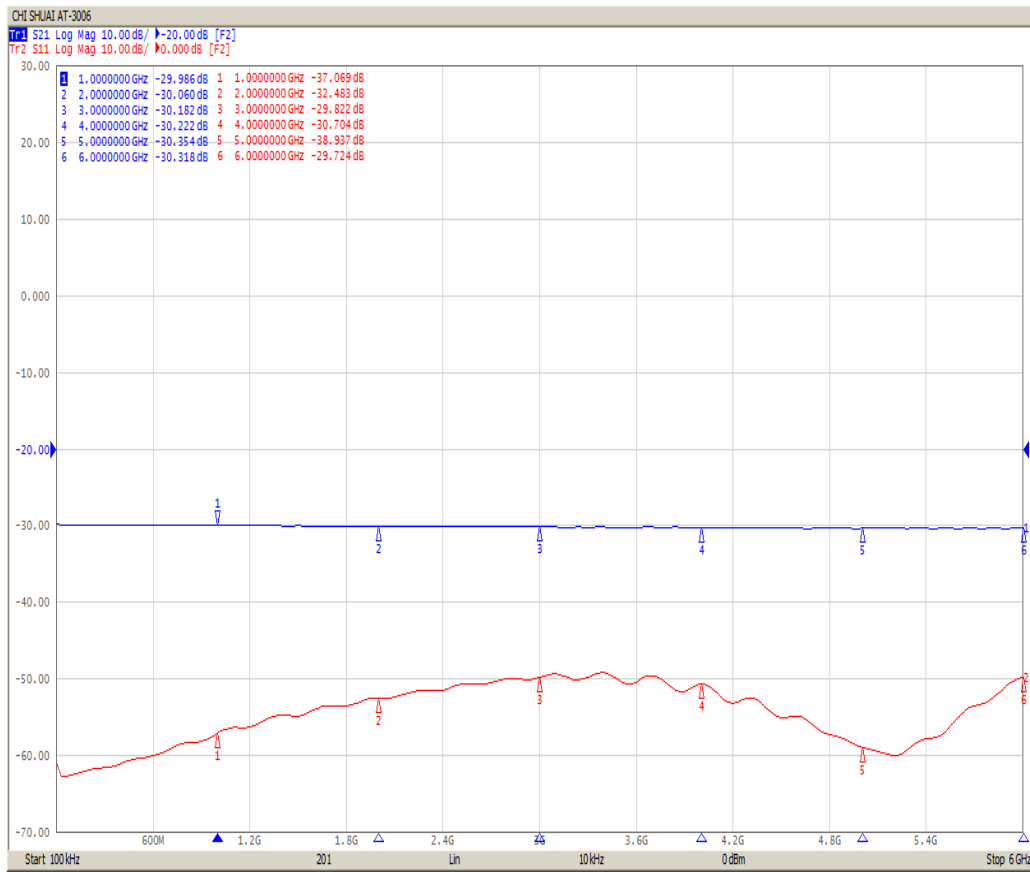


Fig.1