

# Part No. Comparison of Temperature Compensation Attenuator between Yantel and E company

Frequency	Power	Yantel	E Corp.	Size	Terminal Packaging	Attenuation	Temperature Coefficient Code
DC~6GHz	2W	TCA series	T#A series	3.1*3.68*0.53 mm	<b>Tin Terminal:</b> Planar/ Single Wrap for ground only/Triple wrap <b>Gold Terminal:</b> Planar/ Single Wrap for ground only	1~10dB	N3~N9
DC~6GHz	100mW	STCA series	N/A	1.25*2.0*0.45 mm	<b>Tin Terminal:</b> Planar/ Single Wrap for ground only/ Triple wrap <b>Gold Terminal:</b> Planar/ Single Wrap for ground only	1~10dB	N3~N9
DC~12.4GHz	200mW	MTCA series	N/A	1.52*1.91*0.28 mm	<b>Tin Terminal:</b> Planar/ Single Wrap for ground only/ Triple wrap <b>Gold Terminal:</b> Planar/ Single Wrap for ground only	1~10dB	N3~N9
DC~18GHz	200mW	HTCA series	MT#A series	1.52*1.91*0.28 mm	<b>Tin Terminal:</b> Planar <b>Gold Terminal:</b> Planar	1~10dB	N3~N9
DC~20GHz	200mW	WTCA series	WT#A series	1.52*1.78*0.38 mm	<b>Tin Terminal:</b> Single Wrap for ground only <b>Gold Terminal:</b> Single Wrap for ground only	2~6dB	N3~N9 (over N9 is customizable)
16~36GHz	200mW	KTCA series	KT#A series	3.05*1.65*0.38 mm	<b>Tin Electrode:</b> Single Wrap for ground only <b>Gold Terminal:</b> Single Wrap for ground only	2~6dB	N3~N9 (over N9 is customizable)

1、Yantel attenuation and compensation coefficient is corresponding with that of E company. (For example: TCA0603N5 correspond to T#A0300N05)

2、Yantel terminal packaging is the same with that of E company, such as:

HTCA1803N5G correspond to M#VA0300N05G      HTCA1803N5WB1 correspond to MT#A0300N05WB1

3、Yantel Part No. Description:

Temp. Comp. Attenuator	**	**	**	**	**
Product series	Frequency	Attenuation	Coefficient (N)	Terminal packaging	Terminal Electro-plating
TCA/STCA/MTCA/HTCA/ WTCA/KTCA	06、12、18、 20、36	01~10 (1db~10db)	N3~N9	Planar (no code) W1、W3、G、WB1、WB2	S (leaded, G/WB1 are exclusive) No code (lead free)

4、Terminal Packaging Description:

No Code (Tin Terminal- Planar) 、 W1 (Tin Terminal -Single Wrap for ground only) 、 W3 (Tin Terminal- Triple wrap )  
G (Gold Terminal- Planar) 、 WB1(Gold Terminal- Single Wrap for ground only) 、 WB2 (WTCA series Gold Terminal- Single Wrap for ground only )