

TGF-B3 SERIES COAXIAL LOW PASS FILTER

P/N:TGF-B3115-001



Due to PN modification, the PN showing on picture may be its original PN.

TECHNICAL SPECIFICATIONS:

Pass Band	Insertion Loss	VSWR	Stop Band	Stop Band Attenuation
DC-5GHz	0.4dB	1.25	10GHz	60dB
Connector	Power Handling			
SMA-F/M	60W			

ENVIRONMENTAL PARAMETERS:

WORKING TEMPERATURE: -55~+85°C
 STORAGE TEMPERATURE: -55~+100°C

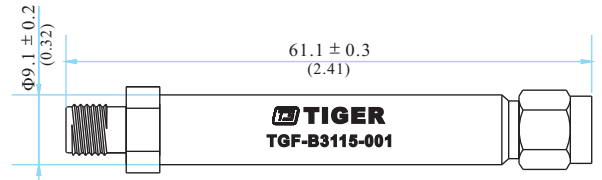
FEATURES AND APPLICATION:

Coaxial low pass filter is featured with compact size, low insertion loss, high power handling and good performance when temperature changing. It adopts Chebyshev design and has relatively wider stop band, which enable to use on 2nd, 3rd harmonic rejection of power amplifier and other system. It goes with SMA-Male and Female connector, that can be connect in series directly in system cable.

Coaxial low pass filter is mainly used for radar, communication, EW, remote testing, identifying of friend or foe and navigation systems.

The product is Tiger's standard product. If any special requirement needed, please feel free to contact us.

OUTLINE: $\frac{\text{mm}}{\text{(inch)}}$



TYPICAL PLOT:

Frequency Response and VSWR

CH1	S11	LIN	SWR	100	mU/	REF	1	U	▼2:	450.2	U
CH2	S21	dB	MAG	10	dB/	REF	0	dB	▼2:	-97.15	dB
CH3	S12	dB	MAG	10	dB/	REF	0	dB	▼2:	-95.10	dB
CH4	S22	LIN	SWR	100	mU/	REF	1	U	▼2:	68.47	U2

