



## VDSL IN-LINE FILTER

### P/N: 513090688000 DATA SHEET

#### Feature



- Design to meet, UL94v-0.
- Refer to Annex F of G993.1.
- Operating temperature range: -10°C to +60°C.
- Storage temperature range: -25°C to +75°C.

#### Electrical Specifications @ 25°C

Description	LPF
Passband Frequency	DC to 320KHz
Insertion Loss	-1.0dB Max. @DC~160KHz -[1.0+3.01*Log2(f/160k)]dB Max. @160K~320KHz
Return Loss	-11dB Min. @DC~4KHz -[15.0-6.02*Log2(10k/f)]dB Min. @4K~10KHz -15dB Min. @10KHz~160KHz -[15.0-6.02*Log2(f/160k)]dB Min. @160KHz~220KHz
Stopband Frequency Attenuation	-[42.14*Log2(f/320k)]dB Min. @640K~932KHz -65dB Min. @932KHz~6MHz -55dB Min. @6MHz~12MHz
Impedance	110 ohm

#### Schematic

#### Mechanical

Connector	Function	Style	Tip	Ring
J1	Line	RJ11 Plug	Pin3	Pin4
J2	PHONE	RJ11 Jack	Pin3	Pin4

