

DATA SHEET



UK

**ADSL POTS Distributed Filter
DSL246**

- RoHS compliant.
- Compact package.
- Ease of installation.
- High quality low pass filter with optimum performance.
- Removes radio interference on the line.

Specifications

Return loss reference Impedance	320ohm+1050ohm//230nF	Insulation resistance (100V)	> 5 MΩ
Insertion Loss @ 1kHz	<1.0dB	ADSL band attenuation	32KHz to 200KHz >29dB 200KHz to 2208KHz >55dB
Insertion Loss distortion	+/-1 dB rel. 1kHz	Longitudinal conversion loss (LCL)	500Hz to 3400Hz >40dB 32KHz to 2208KHz >45dB
Return loss	300Hz~500Hz >14 dB	DC Current Range	< 100mA
	500Hz ~ 2kHz > 18dB		
	2000Hz ~ 3.4kHz > 14dB		
Delay Distortion	300Hz < f < 600Hz 250 uS 600Hz < f < 4000Hz 200 uS		
DC Resistance	<100Ω		

