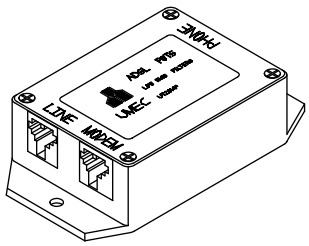
ADSL POTS LOW PASS FILTERS

For ADSL CPE&CO Applications



- *Filter design is compliant with all ADSL coding standards*
- *Packages design includes RJ-11 connectors for easy installation*
- *Meets UL, CSA and TUV safety standard*
- *UL 1950 compliant*
- *Meets FCC Part 68 Rules*

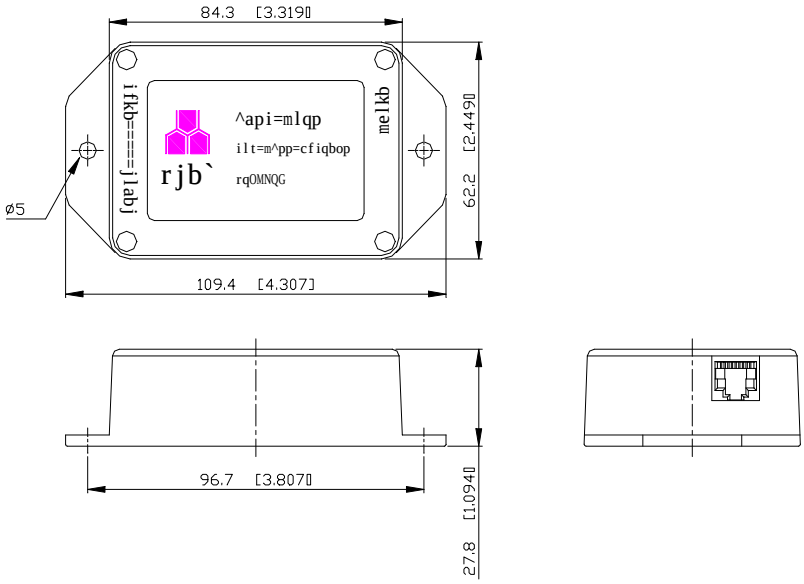
Electrical specifications at 25°C

Part No.	LINE Port and POTS Port Impedance (ohms)	Applications	Cutoff frequency -3dB	Attenuation			Insertion Loss 200Hz to 4kHz (dB) Max.	Pass Band Ripple 200Hz to 4kHz (dB)	D.C.R. Each Line (ohms max.)	Return Loss 200Hz to 4kHz (dB) min.
				8kHz (dB)Typ.	20kHz (dB)min.	40kHz (dB)min.				
UT20145	600	CPE	7kHz	12	60	72	0.5	±0.5	12.5	20
UT20146	900	CO	7kHz	12	60	72	0.5	±0.5	12.5	20

Part No.	Envelope Delay Distortion 200Hz to 4kHz (uSec.)max.	Longitudinal Balance (dB)min.		Common Mode Rejection (dB)min.		POTS Ringing Signal 15.3Hz to 68Hz (Vrms)	POTS Trip to Ring DC Voltage (V)	POTS Loop Currents (mADC)
		200Hz to 1kHz	3kHz	40kHz	1.1MHz			
UT20145	100	58	53	45	25	40--150	0--150	100
UT20146	100	58	53	45	25	40--150	0--150	100

Note : CO : Central Office
CPE : Customer Premises

Dimensions :



UNIT: mm xinchesz

Connector/Function	Style	Tip	Ring
LINE	RJ11	Pin 3	Pin 4
PHONE	RJ11	Pin 3	Pin 4
MODEM	RJ11	Pin 3	Pin 4

========== DATA SHEET 12-20 DEC./99

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