

VDSL CPE MODULE

ATM-074

Table Contents

1	Characteristics:.....	2
2	Specifications:.....	2
3	Dimension	3
4	Schematics.....	3
4.1	Insertion Loss.....	4
4.2	Return Loss.....	4

1 Characteristics:

This is a VDSL module for Customer Premise.

The frequency range of VDSL is from 900KHz to 8MHz.

Integrated LPF, HPF, BPF and Hybrid transformer circuit in one package.

2 Specifications:

Description	Pass band Frequency	Insertion Loss (Max)	Return Loss (Min)	Impedance
VSDL BPF	900KHz to 7.9MHz	0.8dB	10dB	100 OHM
RX LPF	900KHz to 3.3MHz	0.8dB	12dB	270 OHM
TX HPF	4.0MHz to 7.9MHz	0.8dB	10dB	40 OHM
Figure #		Fig. 3	Fig. 4	

Description	Stop band Frequency	Attenuation (Min)	Impedance
VSDL BPF	20KHz to 250KHz	50dB	100 OHM
RX LPF	4.0MHz to 7.9MHz	50dB	270 OHM
TX HPF	900KHz to 3.3MHz	15dB	40 OHM
Figure #		Fig 3	

3 Dimension

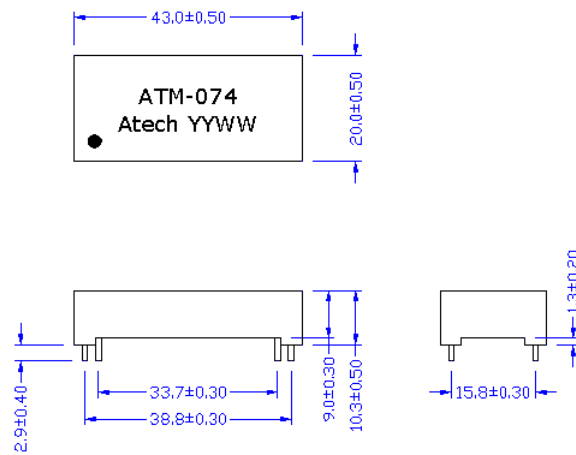


Figure.1

4 Schematics

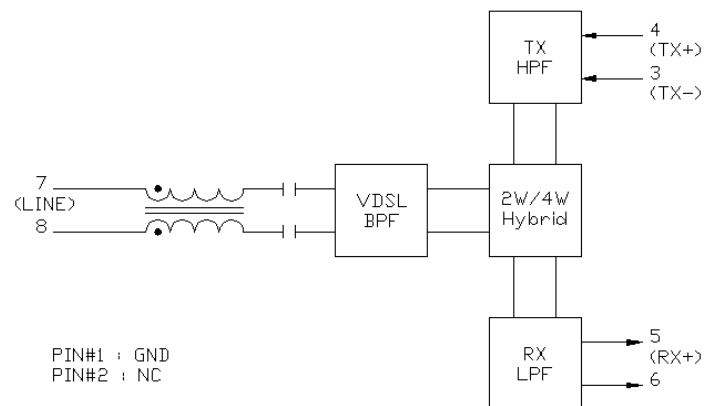


Figure. 2

4.1 Insertion Loss

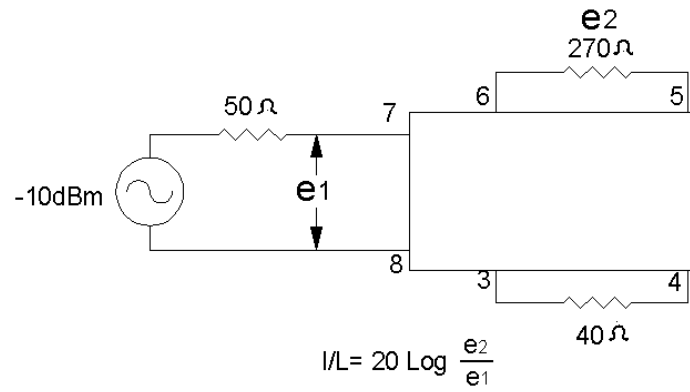


Figure. 3

4.2 Return Loss

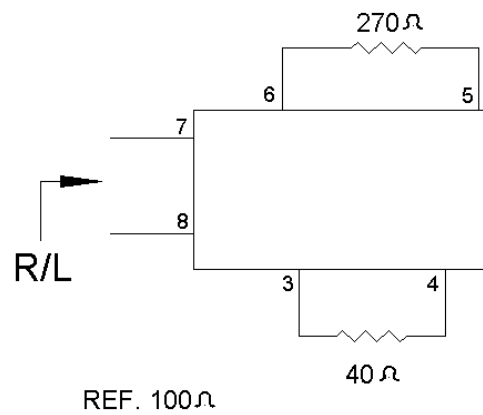


Figure. 4