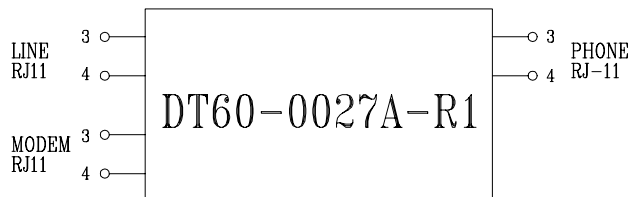
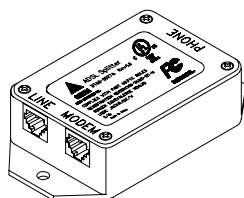




ADSL SPLITTER

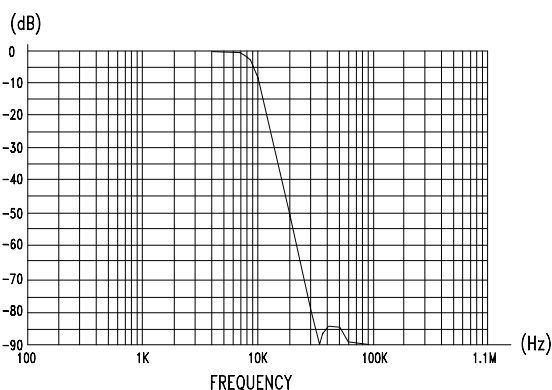
DT60-0027A-R1



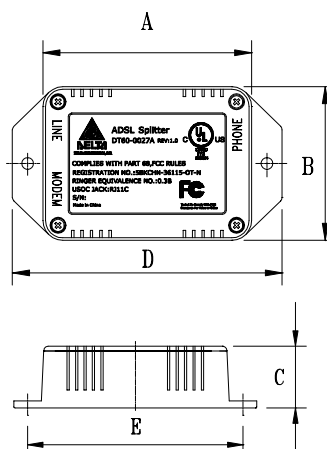
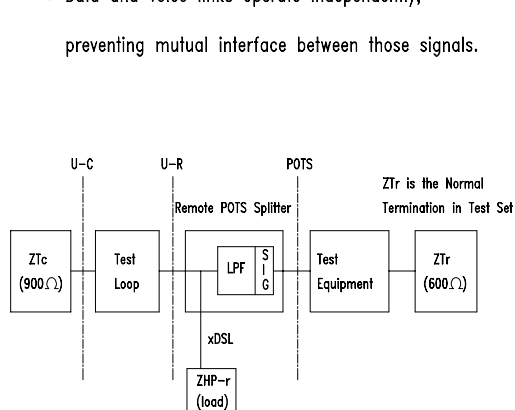
- The ADSL Splitter is used to block any noise generated by other phones, fax's being introduced on the POT line, and to pass high frequency signal to ADSL MODEM.
- The filter with more than 2 orders has high performance on voice band signal selection.

FEATURE

- Meeting UL-1950, UL94V-1 , FCC PART 68
- The POT splitter and low-pass filter will not affect the normal use of telephone service even the power supply or itself fails.
- Electrical characteristics meets Annex E.2 of ITU-T Rec.G.992.1
- Attenuation Distortion meet Annex E.2.3.1.3 of ITU-T Rec.G.992.1
- Return Loss meet Annex E.2.3.1.1 of ITU-T Rec.G.992.1
- Data and voice links operate independently, preventing mutual interface between those signals.



ELECTRICAL CHARACTERISTICS		
3dB CUTOFF FREQUENCY		7KHz
D.C. CHARACTERISTICS	D.C.C. D.C.R. I.R.	100 mA 25ΩMax. >5M Ω @ TIP TO GND & RING TO GND
INSERTION LOSS	SHORT LOOP LONG LOOP	1.0dB Max. @1004Hz 0.75dB Max. @1004Hz
ATTENUATION DISTORTION	SHORT LOOP SHORT LOOP LONG LOOP LONG LOOP	±1.5dB @0.2KHz ~ 3.4KHz ±2.0dB @3.4KHz ~ 4.0KHz +0.5/ -1.5dB @0.2KHz ~ 3.4KHz +1.0/ -1.5dB @3.4KHz ~ 4.0KHz
DELAY DISTORTION	SHORT LOOP SHORT LOOP LONG LOOP LONG LOOP	200uS @0.6KHz ~ 3.2KHz 250uS @0.2KHz ~ 4.0KHz 200uS @0.6KHz ~ 3.2KHz 250uS @0.2KHz ~ 4.0KHz
RETURN LOSS	ERL SRL-L SRL-H	6dB Min. 5dB Min. 3dB Min.
LONGITUDINAL BALANCE		58dB Min. @0.2KHz ~ 1KHz 53dB Min. @3KHz
ATTENUATION		65dB Min. @30KHz ~ 300KHz 55dB Min. @300KHz ~ 1104KHz
IMPEDANCE		600Ω @300Hz ~ 3.4KHz



UNIT: mm

- A = 84.40±0.50
- B = 62.20±0.50
- C = 27.80±0.50
- D = 109.20±0.50
- E = 96.85 (TYP)