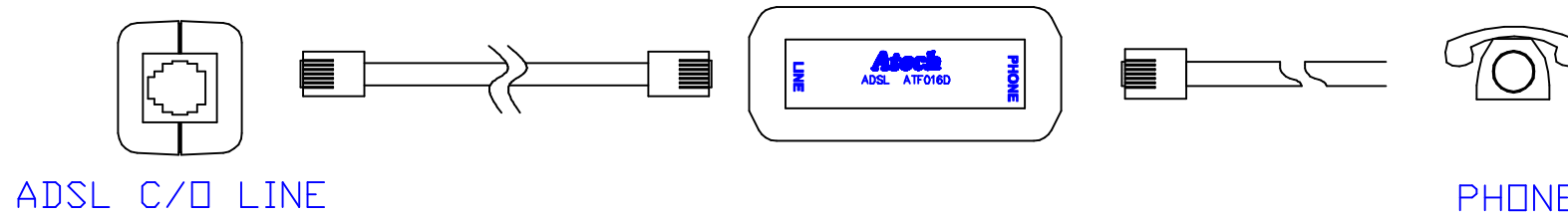


USER MANUAL



INSTALLATION

1. CONNECT THE PLUG OF PHONE (RJ11) TO THE PHONE SIDE OF ATF016D
2. CONNECT THE ADSL C/O LINE TO THE LINE SIDE OF ATF016D

ELECTRICAL CHARACTERISTICS : <MEETS/EXCEEDS T1E1.4 STANDARD>

1. TOTAL DCR : 20 OHM MAX.
2. OFF HOOK INSERTION LOSS (@1KHZ) : SINGLE FILTER : 0.5dB MAX.
WITH 5 FILTERS : 1dB MAX.
3. OFF HOOK INSERTION LOSS DISTORTION
(@200HZ~3.4KHZ) : SINGLE FILTER : 0.5dB~-1dB
WITH 5 FILTERS : 2.5dB~-1.5dB
(@3.4KHZ~4KHZ) : SINGLE FILTER : 1dB~-1.5dB
WITH 5 FILTERS : 3.25dB~-2dB
4. RETURN LOSS : PHONE PORT (@SRLL) = 13dB MIN.
(@ERL) = 9dB MIN.
(@SRLH) = 3dB MIN.
LINE PORT (@SRLL) = 12dB MIN.
(@ERL) = 10dB MIN.
(@SRLH) = 5dB MIN.
5. LONGITUDINAL BALANCE (@200HZ~1KHZ) : 65dB MIN.
(@1KHZ~3KHZ) : 56dB MIN.
6. ADSL FREQUENCY REJECTION (@25KHZ~12MHZ) : 21dB MIN.