

ENTR ACCESSORY KIT

OMNI DIRECTIONAL



L-3's ENTR OMNI Directional accessory kit improves SATCOM reception by letting the user remote the antenna from the receiver obtaining a clear line of site to the satellite.

L-3 Telemetry & RF Products (L-3 T&RF) Embedded National Tactical Receiver (ENTR) OMNI Directional accessory kit improves SATCOM reception by letting the user remote the antenna from the receiver.

The ability to remote the antenna allows the operator to obtain a clear line of site to the satellite. To drive the additional cable without signal degradation, a filtered Low Noise Amplifier (LNA) is included. The amplifier is powered by a DC inserter that injects a DC drive signal through the RF cable. For best performance, the LNA assembly should always be located as close as possible to the antenna.

The kit is provided with a 10-meter cable to connect the LNA to the DC inserter. Longer cables can be utilized between the LNA and DC inserter (refer to the table for recommended maximum cable lengths). The omni-directional antenna does not require the user to point it in the appropriate direction for the best signal (refer to the receiver and antenna manuals for proper operation).

The OMNI Directional accessory kit case includes all items pictured below.

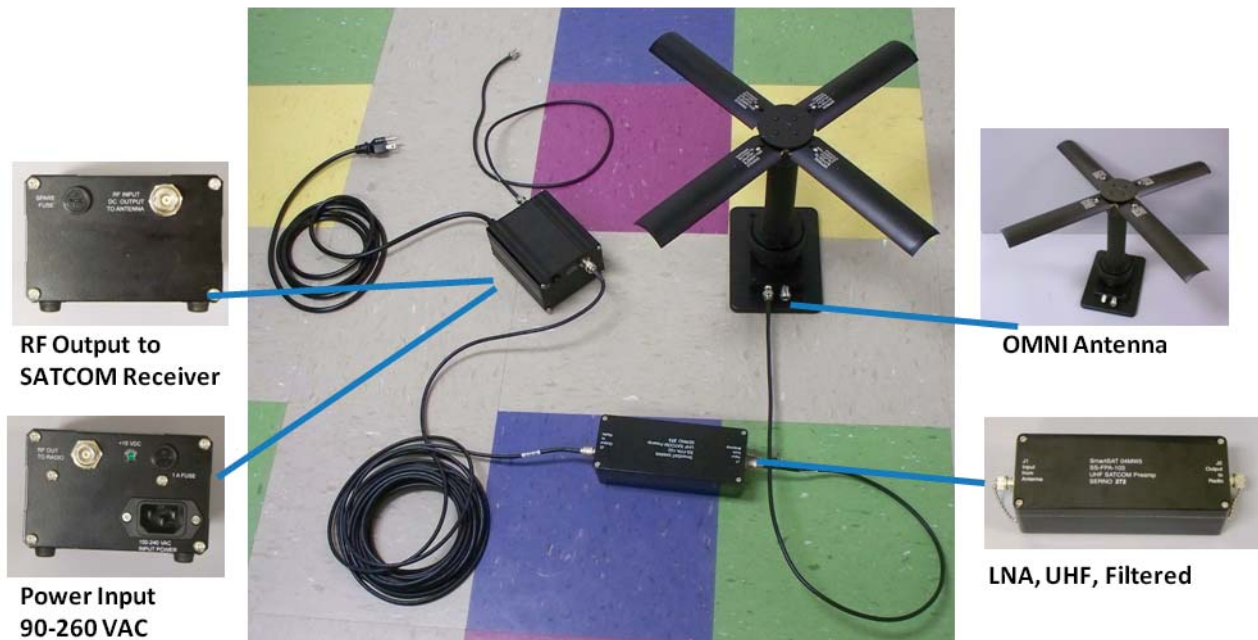


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Example System Connection



CABLE TYPE	MAX. LENGTH (METERS)
RG-233	70m
RG-8	190m
Andrew LDF-4-50	450m

Maximum cable loss 20 dB (LNA gain 30 dB)

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