

GROUND ANTENNA AND SATELLITE MODEM / TEST SET

SPECIFICATIONS

1. Functionally compatible with existing NEN and DSN ground antenna and satellite modem/test set equipment.
2. Capable of supporting full STDN/USB/SGLS telemetry, command, and ranging functions (RF through baseband).
3. Totally integrated, "turn-key", "plug-and-play", system in transportable rack enclosure.
4. Spacecraft Tracking and Data (Acquisition) Network (STDN) compliant.
5. Capable of supporting up to three simultaneous IF Receiver Channels.
6. Coherent and Non-Coherent Ranging support capable.
7. RF Command Echo generation capability.
8. Connector interface panel for external connections.
9. 0-60dB integrated GUI control variable RF output attenuator (0.5dB increments).
10. Self contained operator console.
11. Remote, large screen, console.
12. 10BaseT interface integrated with system GUI for remote operator console capability.
13. Fully integrated GUI for all internal and external system functions and options.