## RF, TELEMETRY, TIMING & COMMUNICATIONS LINE LIST GROUND BASED APPLICATIONS





















- RF & Microwave Products for Telemetry,
   Telecommunication & Satellite Communication
- · Multicouplers, Frequency Converters & Translators
- RF Switching & Distribution Systems
- Frequency Multipliers & Synthesizers Phase-Locked
   Oscillators
- Amplifiers LNA, High-Power, AGC in the HF to Ka Bands, Rack Mountable, Weatherproof / Airborne
- RF Filters Telemetry, Communications, Audio,
   Video, EMC, and Surveillance Oscillators
- Antenna Systems that Cover L, S and C bands for Communication and Telemetry Applications
- · Mini-Multicouplers Portable Communication Devices









- Solid State Switches, Solid State Variable Attenuators,
   Detector Log Video Amplifiers
- Power Dividers
- · Integrated Assemblies







- · Synthesizers, Oscillators, Frequency Multipliers
- Custom Assemblies, Configurations, Phase-Locked
   Ceramic Resonator Oscillator, Phase-Locked Dielectric
   Resonator Oscillator















- GPS Receivers (including M-Code) with Network Based & Security Hardend Features
- PNT Infrastructure Protection with the TimePictra Platform & BlueSky GNSS Firewall
- · Time & Frequency Distribution, Including Over-Fiber
- · Scalable Family of PTP Grandmaster Clocks
- · Atomic Clocks & Bus Level Timing
- Integrated Systems for Radar, Satellite
   Communication & Test Range Applications





## RF, TELEMETRY, TIMING & COMMUNICATIONS LINE LIST GROUND BASED APPLICATIONS



- · Solid-State, High-Power RF, & Microwave Amplifiers
- · 10 KHz to 10 GHz Frequency Range
- Modular Designs Allow Expansion
- · Module Systems
- · Rack Mount Systems









- · High-Performance Antennas & Positioning Systems
- · 2.4 to 22 meter sizes at S, C, X, Ku and Ka Band
- Low & High-Rate Modems for TT&C Payload Downlink Processing, Lab, EMC, Rugged, TVAC Semi Rugged Applications



- Telemetry Receivers, Signal Simulators, & Repeaters
   w/Telemetry Over IP & Full Real-Time Data Systems
- IMUX G2 Recorder/Reproducer w/ RAID, NAS or SAN storage, Signal I/O for PCM, Video, Analog, 1553, ARINC, Ethernet, Remote or Local Control
- G3 TMoIP Data Processing, Antenna Tracking Receivers Automated Telemetry Test Systems, Vector Iridium Data Link, NRG Everything Over IP (EoIP)

## **HUBER+SUHNER**



















- RF & Microwave Cable Assemblies, Bend-to-the-End Cable Assemblies, Phase Invariant Cable Assemblies
- · RF & Microwave & Board-to-Board Connectors
- MMPX, SMP, SMPM, SMPM-T: High Freq Connectors
- · High-Speed Digital Test: MXP, MXPM, MMPX
- Test & Measurement Cables, Connectors, Adapters including TVAC and VNA Grade Cables and Connectors
- · Lighting & NEMP Protection & Antenna Solutions
- RF-over-Fiber Systems, Fiber Optical Cables, Optimized for Fix or Mobile Applications at Indoor & Outdoor Areas



