

BRUMIL Remote Supply Solution for Antenna Applications

Antennas are placed mainly outside a camp or a command post to optimize its performance and to hide the camp in the field. Signals and power can be transferred to such remote locations by using only one single cable, the BRUpowermil hybrid cable. This assures you to establish a very fast deployed tactical connection and in addition a noise and temperature neutral remote location for your antennas. The BRUMIL Remote Antenna Solution covers the special needs in the field.

Applications:

- Remote Satellite Antenna
- Remote Radio Antenna
- Remote GPS Antenna
- Telemetry
- Tracking
- Military or Civil
- Fast deployment, only one cable for signaling and power supply
- Easy to use:
 - Only one optical connector
 - No generator or power supply needed at the far end,
 - Power and data over the hybrid cable BRUpowermil
- Portable system for tactical field use

Description:

- 300m active cable reel and extensions for up to 1km tactical hybrid cable (fiber-optic and copper)
- Analogue RF Signals over optical link – up/down link
- Ethernet link available
- Power at far end available (up to 500W)

Connections:

- Analogue RF up/down link
 - Frequency: 10 to 3000 Mhz
 - Link gain adjustable from: -20 to +20dB
 - RF input level adjustable from: -70 to +13dB
 - NF adjustable from: 14 to 35dB
- Ethernet: 10/100/1000 full duplex transmission
- Power: 100....240 VAC / 50/60Hz
- Optional: power input 24VDC
power out 1-4x 24VDC (max. 500W)

Connectors:

- RF: N female
- Ethernet: RJF (RJ45 field)
- Optical: HMA compatible or others

Environmental conditions:

- Operating temperature: -25° ...+60°C

