

BRUMIL Remote Supply Solution for LOS Microwave Applications

LOS microwave equipment is mainly placed 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 Supply Solution covers the special needs in the field.

Applications:

- Remote LOS microwave radios with FO data connection
- Remote Radio with FO data connection
- Remote Satellite Radio with FO data connection
- Military or Civil
- Fast deployment, only one cable for signaling and power supply
- Easy to use:
 - Only one connector for signal and power
 - No generator or mains connection needed at the far end
 - Power and data over the hybrid cable BRUpowermil
- Portable system for tactical field use

Description:

- Up to 1km tactical hybrid cable (fiber-optic and copper)
- Dark fiber for optical link – up/down link
- Power at far end available (up to 500W)

Connections:

- Power input: 240 VAC / 50/60Hz
- 4 dark fibers for proprietary up/down link
- FO MIL83526: 2-4x 1F or 2x 2F or 1x 4F
- Power out 2-4x 24VDC/4A (max. 500W)

Connectors:

- MIL 83526 lens connectors 1F, 2F or 4F
- Hybrid lens connector for FO and power connection
- Electrical power connection for 230VAC input
- Electrical power connections for 24VDC output

Environmental conditions:

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

