

## Motorized winding frame with NATO-reel including rotary-joint

The easy perfect system for deployment of medium to long cable lengths. Operational and in service communication during deployment.

### Applications:

- Tactical connecting cable ready to use
- Fast cable deployment in various landscapes from vehicles
- Increased max. cable length compared to the hand reels or back-pack reels
- Use of full or partial cable length
- Outdoors and harsh environment
- **Suitable for systems that need to be operational during deployment of the cable.**

### Description:

- Winding frame in aluminum, colored green for mounting on a vehicle, excluding reel, including
  - Motor drive for easy deployment with adjustable speed control.
  - NATO-reel with built in rotary-joint to allow for connectivity while the reel is rotating.
- The reels are scalable for different cable types, length and size:
  - Various flange diameters
  - Various rotary-joints
  - Various power supply voltages
  - Various motor drives
- The NATO-reel with rotary-joint and the motor drive are fully compatible to the existing NATO-reel product line.

### Material:

- Winding frame in aluminum, colored green
- Reels in aluminum, colored green
- Various cable types including FO-field cables and FO-Cu-hybrid cables.
- Plug at the long end, receptacle at the short end. Preassembling with military lens- or butt joint connectors.

### Color:

- Green, similar to RAL 6031

### Accessories offered:

- Deployment aids, like wedge clamps, masts etc.
- Training for deployment, repair and cable testing in the field
- Solution engineering and system design
- Tactical Cable Measuring Case to localize exactly the defective spot
- Tactical Cable Repair Kit for fusion splice in the workshop or the Field Repair Kit for mechanical splice technique

### Standards:

- Vibration MIL-STD-167-1
- Mechanical shock: MIL-STD-810F



NATO-Reel with rotary-joint and winding frame with motor drive and control box..



NATO-reel with built in receptacle and rotary-joint.

### Dimensions Motorized Winding Frame with 380mm NATO-Reel and 600m BRUmil tactical cable:

	Width mm	Height mm	Depth mm	Weight kg
Total	547	480	436	36.0

### Power supply:

Type	Average consumption W	Max. consumption W
24VDC	40	250

### Optical signal attenuation including lens connectors and rotary-joint:

Type	Typical insertion loss dB	Max. insertion loss dB
BRUmil 600m 4F SM	4.4 dB	7.5 dB

### Environmental conditions:

Ingress protection IP	Temperature range operation	Temperature range storage
IP65	-20°C ... +65°C	-25°C ... +75°C