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
- Mechanical shock: MIL-STD-810F

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

<table>
<thead>
<tr>
<th></th>
<th>Width mm</th>
<th>Height mm</th>
<th>Depth mm</th>
<th>Weight kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>547</td>
<td>480</td>
<td>436</td>
<td>36.0</td>
</tr>
</tbody>
</table>

Power supply:

<table>
<thead>
<tr>
<th>Type</th>
<th>Average consumption W</th>
<th>Max. consumption W</th>
</tr>
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<tbody>
<tr>
<td>24VDC</td>
<td>40</td>
<td>250</td>
</tr>
</tbody>
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Optical signal attenuation including lens connectors and rotary-joint:

<table>
<thead>
<tr>
<th>Type</th>
<th>Typical insertion loss dB</th>
<th>Max. insertion loss dB</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRUmil 600m 4F SM</td>
<td>4.4 dB</td>
<td>7.5 dB</td>
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</table>

Environmental conditions:

<table>
<thead>
<tr>
<th>Ingress protection IP</th>
<th>Temperature range operation</th>
<th>Temperature range storage</th>
</tr>
</thead>
<tbody>
<tr>
<td>IP65</td>
<td>-20°C ... +65°C</td>
<td>-25°C ... +75°C</td>
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