

Vehicle Reels

The easy perfect system for deployment of medium to long cable lengths

Applications:

- Cable assembly – ready for operation
- Fast cable deployment in various landscapes from vehicles
- Increased cable length compared to the hand reels or back-pack reels
- Use of full or partial cable length
- Outdoors

Description:

- Winding frame in aluminum, colored green for mounting on a vehicle, excluding reel, including
 - Accessory bag with crank for rewinding
 - Deploying handle for lifting reel in- and out of winding frame or for hand deploying at for vehicle impassable ground
- Various reels of different diameter have the following features:
 - All reels with extensible axle for easy storage
 - Reels have separate connector compartment
 - Protective sheath covering the cable and two Velcro belts protecting the cable ends with its connectors

- Reel delivered made ready to use with cable and connectors
- Number of winding frames compared to the number of reels is depending on the application

Material:

- Winding frame in aluminum, colored green
- Reels in aluminum, colored green, with rubber edges

Color:

- Green, similar to RAL 6031

Accessories offered:

- Preassembling with military lens- or butt joint connectors
- Adapting cables, e.g. from bulkhead to LC, ST or any standard connectors
- Hand-reels or backpack reels
- 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



Reel with deploying handle and cable protective sheath



Reel on winding frame with accessory bag and cable protective sheath

Dimensions Winding Frame without Reel:

	Width mm	Height mm	Depth mm	Weight kg
Winding frame	440	325	440	5.6
Handle	405	335		0.4

Dimensions Reels:

Type	External Ø mm	Core Ø mm	Width of Main Winch mm	Width of Flange mm	Weight kg
Nato-310	310	160	250	40	3.1
Nato-380	380	160	250 or 230	40 or 60	4.1
Nato-470	470	160	250	40	5.0
Nato-520	520	160	250	40	6.0

Maximum Cable Length for the different Brugg Fiber-optic Cables and the respective Weight including Reel:

Type	BRUmil 1F		BRUmil 2-4 F		BRUmil 8F		BRUpowermil		BRUtough	
	Length m*	Weight kg	Length m*	Weight kg	Length m*	Weight kg	Length m*	Weight kg	Length m*	Weight kg
Nato-310	800	18	600	18	450	21	260	21	300	11
Nato-380	1300	28	1000	31	750	34	450	36	500	17
Nato-470	2250	46	1800	50	1300	56	750	58	850	26
Nato-520	2850	58	2300	63	1620	70	950	73	1000	33

* Length given for manual loose rewinding. Machine winded the capacity is approximately 25% higher.