

System Reels

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

Applications:

- Cable assembly – ready for operation
- Increased cable length carried by a team of two soldiers
- Laying cable in various landscapes by:
 - a team of soldiers
 - fast cable deployment from vehicles
- Use of full or partial cable length
- Easy stacking in the storage
- Out- or indoors

Description:

- Winding frame in steel for hand carrying or mounting on a vehicle
- Various reels of different diameter have the following features:
 - All reels with friction break on the axle for tempered motion
 - Reels have separate connector compartment
 - Two Velcro belts protecting the cable ends with its connectors
- Reel delivered made ready to use with cable and connectors
- Frames with or without holder for stacking

Material:

- Winding frame and reel in steel

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, back-pack reels, or vehicle 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



System reel with deploying frame



System reel with frame and holder for stacking

Dimensions overall, Frame including Reel:

	Width mm	Height mm	Depth mm	Weight kg
System reel frame incl. reel	410	540	370	11.0

Dimensions Reels:

Type	External Ø mm	Core Ø mm	Width of Main Winch mm	Width of Flange mm
SR-400	400	180	200	65
SR-450	450	180	200	65

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
SR-400	1200	32	950	35	650	37	400	38	450	23
SR-450	1600	40	1250	43	900	46	550	48	600	26

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