

Cable Assemblies

Hand Reels Steel or Elastomer

The easy and perfect drums for short cable length

Application

- Cable assembly – ready for operation
- Laying cable for short distances
- Hand carried to place of deployment
- Use of full or partial cable length
- Out- or indoors

Description

- Hand reels are available either in steel, galvanized and green colored or in black elastomer
- Reel has the following features:
 - Separate connector compartment
 - The carrying handle design prevents the cable from being taken off of the reels sideways
 - Steel reel has folding handle for rewinding and two Velcro belts to protect connectors
 - Elastomer reel uses rubber bands for securing connectors
 - Hand reels delivered made ready to use with cable and connectors

Material

- Steel reel:
Steel galvanized, green colored, similar to RAL 6031
- Elastomer reel: Plastic in black color

Accessories offered

- Preassembling with military lens- or butt joint connectors
- Adapting cables, e.g. from bulkhead to LC, ST or any standard connectors
- Vehicle reels and winding frames 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



Hand reel steel



Hand reel elastomer

Dimensions overall, Frame including Reel

Type	Width mm	Height mm	Depth mm	Weight kg
Steel small HR 300	320	390	250	6.1
Steel large HR 350	335	440	260	8.6
Plast small HR 310	310	370	240	2.5
Plast medium HR 380	380	485	320	4.6
Plast large HR 450	450	555	310	6.7

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Dimensions Reel

Type	External Ø mm	Core Ø mm	Width of Main Winch mm	Width of Flange mm	Color
Steel small HR 300	300	85	110	45	green
Steel large HR 350	350	160	110	45	green
Plast small HR 310	310	190	120	40	black
Plast medium HR 380	380	235	160	45	black
Plast large HR 450	450	295	170	45	black

Maximum Cable Length for the different Brugg Fiber-optic Cables and the respective Weight complete

Type	BRUmil 1F		BRUmil 2-4 F		BRUmil 8F		BRUpo- wermil	BRUpo- wermil	BRUtough	BRUtough
	Length ¹ m	Weight kg	Length ¹ m	Weight kg	Length ¹ m	Weight kg	Length ¹ m	Weight kg	Length ¹ m	Weight kg
Steel small HR 300	400	13.5	340	14.5	200	14.0	140	16.0	150	10.0
Steel large HR 350	500	17.5	400	18.5	230	17.5	160	19.5	180	13.0
Plast small HR 310	300	8.0	250	9.0	180	9.0	100	9.5	120	5.5
Plast medium HR 380	600	15.5	450	16.0	350	18.5	200	18.0	220	10.0
Plast large HR 450	800	21.0	600	22.0	450	24.0	260	24.5	300	14.0

¹ Length given for manual loose rewinding. Machine winded the capacity is approximately 25% higher.