

Mobile Line System



Mobile line system is a ready to use cable, sturdy yet light and easily transportable it is particularly suited to outdoor use.

There are no splices or connections along the cable: the fibers pass through the divider and are separated and protected singularly by a 2.5mm diameter cable reinforced with aramid yarn.

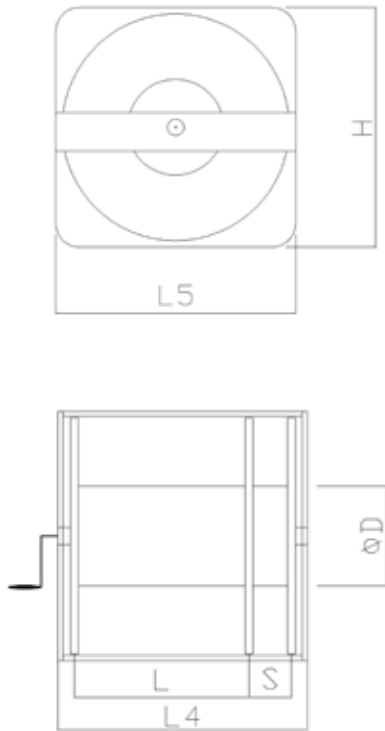
The terminations are protected by a flexible coated steel tube which guarantees a high level of environmental protection (IP 67) high tensile strength and high crush-resistance.

Mobile Line system can be assembled with the most common types of connectors or with multiway connectors where there are harsh climatic and environmental conditions.

The cable is available for up to 12 fibers, the structure although light and flexible is tread-proof, has high abrasion resistance, high oil and fuel resistance and high tensile strength.

Many different reel types are available in either plastic or steel to house different lengths and types of cable as defined by the client; the brake mechanism and the handle allow for easy rewinding and transportation of the cable.





Features

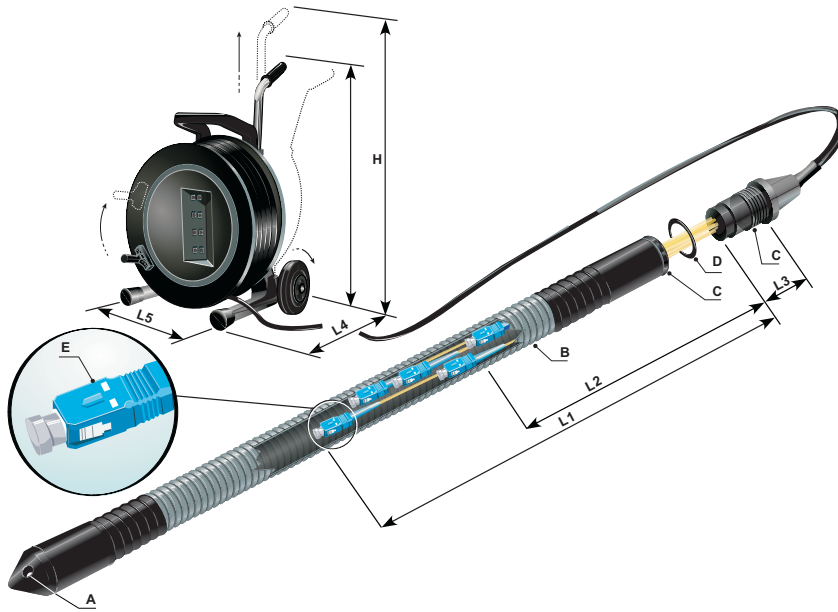
- Ready to use
- Sturdy, light and easily transportable
- Particularly suited for external applications
- Different types of reel are available
- Reels have a braking mechanism and handle for rewinding cable
- Protective metal tube IP67
- Assembled with most common types of connectors
- Available with multiway connectors
- Cable length and type can be defined by client
- Available for up to 12 fibers

Applications

- Temporary bypass of damaged cables
- TV applications, camera cable
- Fairs and conventions
- Military applications
- Can be connected for demonstrations or trials

Reel-	PL-D290-L200	ST-D200-L300	ST-D200-L400
L4 (mm)	410	500	600
L5 (mm)	400	500	500
H (mm)	630/920	500	500
Drum L (mm)	160/200	300	400
Drum S (mm)	-	90	90
Ø Drum D (mm)	290	200	200

Reel capacity	Cable		
Ø mm	<6	<7	<8
REEL-ST-D200-L300 (m)	900	650	500
REEL-ST-D200-L400 (m)	1200	850	650
REEL-PL-D290-L200 (m)	320	250	200



Fanout leg	Fiber count				
	2	4	6	8	12
Shortest/longest length L2 / L1 mm *	970/1000 ± 5	880/1000 ± 5	850/1000 ± 5	790/1000 ± 5	670/1000 ± 5
Tube length B	1100 mm				
Single fanout leg diameter	2,5 mm ± 0,1				
Fanout leg jacket material	LSZH Low Smoke Zero Halogen				
Fanout leg identification	coloured numbers				
Connectivity E	SMA, ST, SC, FC, LC, MU, ETC				

* Fanout leg length can be up to 5.0 m

Cable termination	Unit	Protection tube	Divider
Max outer diameter C	mm	30	30
Installed length L3	mm	-	32
Maximum tensile strength*	N	1000	1000
Crush resistance	N	1250	1000
Environmental protection class (with O-RING D)	IP	67	67

* for total maximum tensile strength see cable specification

Cable	up to 6 f.o.	up to 8 f.o.	up to 12 f.o.
Outer diameter	6 ± 2mm	7 ± 2mm	10 ± 2mm
Maximum tensile strength	2000 N	2000 N	2000 N
Temperature range	installation	- 10°C + 50°C	
	operation	- 30°C + 70°C	
Jacket material	polyurethane		

M L - A - B B - C - D D / E E - F F F F

A Select cable design

- A = 900 micron tight fiber Polyurethane jacket
- B = Drag chain
- x = Other

B B Select number of fibers

- o 2 = 2 fiber
- = fiber
- o 6 = 6 fiber
- = max 12 fiber

C Select fiber type

- N = NZ-DS
- 9 = Single mode 9/125
- 5 = 50/125
- O = 50/125 OM3 300
- M = 50/125 OM3 550
- 6 = 62,5/125

D D Select connector type side A

- 1 o = SMA
- 2 o = ST
- 3 o = FC/SPC
- 3 5 = FC/APC small key 2.00 m
- 3 6 = FC/APC wide key 2.15 mm
- 4 o = SC/SPC
- 4 4 = SC/APC
- 5 o = LC/SPC
- 5 5 = LC/APC
- 6 o = MU/SPC
- 6 5 = MU/APC
- 8 o = E2000 SPC
- 8 2 = E2000 APC
- D D = for a complete list
please see jumper cable code

E E Select connector type side B

- E E = Use option from item DD

F F F F Select cable length in meters*

- 1 5 o = 150 meter
- 1 o o o = 1000 meter

* Cable length from connector to connector



Steel reel cable drum

D200
L400
Kg 21,5

R E E L - S T - D 2 0 0 - L 4 0 0



Steel reel cable drum

D200
L300
Kg 18,0

R E E L - S T - D 2 0 0 - L 3 0 0



Plastic reel cable drum

D290
L200
Kg 8,5

R E E L - P L - D 2 9 0 - L 2 0 0



**Rubber wheels and grip handle
for plastic reel**

R E E L - P L - W H L - H D L