Easy Line System

Easy Line system is a ready to use cable for indoor or outdoors and it is completely factory assembled and factory tested.

There are no splices or connections along the cable: the fibers pass through the divider and are separated and protected singularly by a 2mm diameter cable reinforced with aramid yarn.

The connectorised ends are protected by a small flexible metal tube, crush proof and with high tensile strength; once the tube is removed the divider may be used as a cable gland by means of a mounting nut PG 16.

Installation is quick and simple and does not require specialised personnel or costly instrumentation, significantly reducing time and cost.

The length of the cable, the type of fiber and the connectors are customer specific at the time of ordering to suit application requirements; the product is then wrapped in specially designed packaging and sent to the client along with the test report.

Easy Line System can be easily re-used without waste or re-working.

Features

Plug and Play system

For indoor and / or outdoor applications

Protective metal tube, flexible and resistant

Quick and simple installation

Divider with standard size thread PG16

Reduced installation time and costs

Cable length, connector type, defined by client

Re-usable without reworking

Applications

Local Area Network (EN 50173-1)

Campus backbone (building to building)

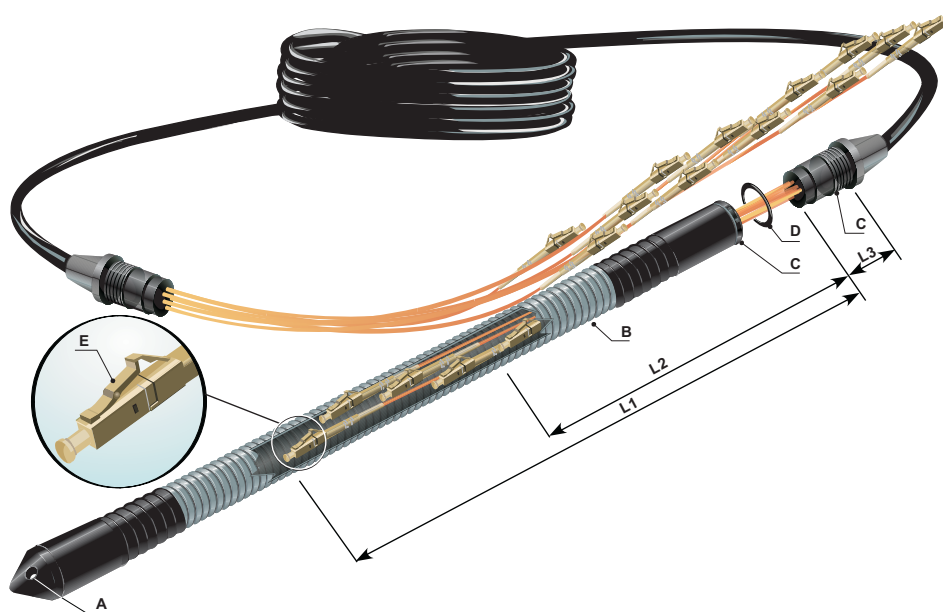Building backbone (floor to floor)

Storage Area Network (EN 5050173-5)

Main distribution cable

Zone distribution cable

Industrial

Automation

Process control

Building automation, connection between fiber interfaces for:

Video surveillance

Cable TV

Easy Line System

Fanout leg	Fiber count				
	4	8	12	16	24
Shortest/longest length L2 / L1 mm*	920/1000 ± 5	830/1000 ± 5	730/1000 ± 5	920/1300 ± 5	730/1300 ± 5
Tube length B mm	1100	1100	1100	1320	1320
Single fanout leg diameter	2 mm ± 0,1				
Fanout leg jacket material	LSZH Low Smoke Zero Halogen				
Fanout leg identification	numeric coding				
Connectivity E	SMA, ST, SC, FC, LC, MU, ETC				

* Fanout leg length can be up to a 5 meter

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 maximub tensile strength see cable specification

Packaging	Max cable length			
Cable diameter	6mm	8mm	10mm	12mm
Air ring in cardboard box	80m	60m	50m	40m
Cardboard reel-small	200m	150m	120m	100m
Cardboard reel-large	400m	350m	250m	200m
Wooden reel	2000m	2000m	2000m	2000m

Temperature range	
During installation	- 10°C + 50°C CEI EN 61300-2-22
In service	- 25°C + 70°C CEI EN 61300-2-22
Storage	- 25°C + 70°C CEI EN 61300-2-22

EL - A - BB - C - DD / EE - FFFF

A Select cable design

A	=	Loose tube, glass armoured LSZH jacket, 1500 N
B	=	Loose tube, glass armoured LSZH jacket, 2500 N
C	=	Loose tube, glass armoured PE jacket
D	=	Loose tube, steel braid armoured LSZH jacket
E	=	Loose tube, steel braid armoured LSZH jacket, 2500 N
x	=	Other

B B Select number fibers

0	4	=	4 fibers
...	...	=	.... fibers
1	2	=	12 fibers
...	...	=	max 24 fibers

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

2	0	=	ST
3	0	=	FC/SPC
4	0	=	SC/SPC
5	0	=	LC/SPC
6	0	=	MU/SPC
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 |
| 0 | 0 | = | No connector |

F F F F Select cable length in meters *

| 3 | 5 | | | = | 35 meter |
| 1 | 4 | 8 | 0 | = | 1480 meter |

* length tolerance including fanout leg

Up to a 50 m: + / - 50 cm
From 51 to 100 m: + / - 100 cm
Over 101 m: + / - 2 %

EL - CD - PL

Mounting nut for Easy Line System

EL - O - RING

Waterproof O-RING for Easy Line System divider