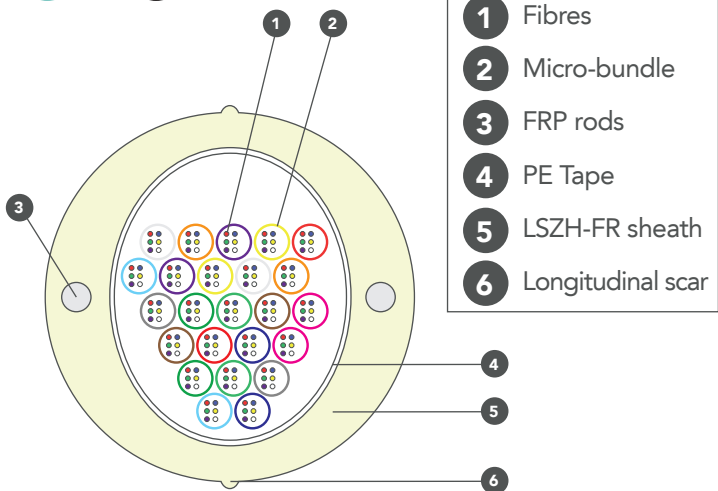


ELINE® FIBRE OPTICAL RISER VERTICAL DISTRIBUTION INDOOR CABLE



LEGEND	
1	Fibres
2	Micro-bundle
3	FRP rods
4	PE Tape
5	LSZH-FR sheath
6	Longitudinal scar

Eline® fibre riser cable has been especially designed for the vertical distribution inside buildings. It can also be laid in cable trays or pulled into ducts. This indoor distribution cable is designed with a white, LSZH-FR outer sheath and a longitudinal mark indicating the FRP position. By slitting its outer sheath, Eline® riser cable offers an easy access to the fibre thanks to its large internal diameter and to the non-stranded micro-bundle construction. The fibre extracted from the micro-bundle is used to enable a connection with a drop cable, inside a floor distribution box, through splicing. Available in a full range of fibre counts up to 144 per cable. Modularity is possible from 2 to 12 fibres, considering the number of premises per floor and the architecture of the cabling system.

FEATURES & BENEFITS

- Fast, Easy and Secured access to the fibre thanks to the non-stranded construction of the microsheaths and to the longitudinal marking indicating the FRP position
- Good mechanical performances
- CPR compliant
- Fibre standard colour code:
- Fibres fully compliant with ITU G657A2 recommendations
- Microsheath with dry sheath structure, containing up to 12 fibres
- LSZH-FR, white, RAL9010
- Cable reinforcement: FRP rods

N°	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Red	Blue	Green	Yellow	Purple	White	Orange	Grey	Brown	Black	Aqua	Pink

- Micro-bundle standard colour code:

N°	1	2	3	4	5	6	7	8	9	10	11	12
Colour	Red	Blue	Green	Yellow	Purple	White	Orange	Grey	Brown	Light Green	Aqua	Pink

NOTE: If micro-bundle number > 12, bundles from 13 to 24 present a longitudinal colour strip

- Marking: ELINE RISER CABLE – YYYYWWAA – x FO G657A2 MOD y – XXXXXm,
where YYYY: production year, WW: production week, AA: sequence number for each cable type, x: the total fibre count, y: the fibre count per micro-bundle, XXXX: incremental produced length, reset to zero for each drum

Pitch: 1 meter,
Ink Colour: black

• Dimensions characteristics:

Description		Fibre count						
		12	24	36	48	72	96	144
4 fibres per micro-bundle Ø micro-bundle = 1.1mm	Ø (mm)	7.5	8.5	9.5	9.5	10.5	11.5	-
	Weight (kg/km)	46	57	67	70	91	117	-
6 fibres per micro-bundle Ø micro-bundle = 1.3mm	Ø (mm)	8.8	8.5	8.5	8.5	10.5	10.5	13.1
	Weight (kg/km)	54	55	64	70	77	88	102

PERFORMANCES

Characteristics	Standards	Values
Tension (short term)	IEC 60794-1-2 - Method E1	480N (Fibre strain ≤ 0.5% and attenuation reversibility)
Tension (long term)	IEC 60794-1-2 - Method E1	160N (Fibre strain ≤ 0.5% and Δα ≤ 0.05dB during test)
Crush	IEC 60794-1-2 - Method E3	300 N/10cm (Δα ≤ 0.05dB during test) Reversibility checked at 1000 N/10cm
Kink	IEC 60794-1-2 - Method E10	Minimum radius = 25 x Cable diameter
Static bending	IEC 60794-1-2 - Method E11	Minimum radius = 12.5 x Cable diameter
Temperature Cycling	IEC 60794-1-2 - Method F1	[-40°C: +60°C] (storage and operation)
CPR Performances	EN 50575	Dca compliant

ORDERING & PACKAGING INFORMATION

ELINE® RISER CABLE - 4 fibres per micro-bundle*						
Total fibre count	12	24	36	48	72	96
PN	1001185	1001186	1001187	1001188	1001189	1001190
Lenght per drum	4km	2km			1km	
Drum size Øflange(mm) x Width(mm)	1150 x 600		1200 x 720			1200 x 720

ELINE® RISER CABLE - 6 fibres per micro-bundle*								
Total fibre count	12	24	36	48	72	96	144	
PN	1001192	1001193	1001194	1001195	1001196	1001197	1001198	
Lenght per drum	4km	2km			1km			
Drum size Øflange(mm) x Width(mm)	1200 x 720		1150 x 600			1200 x 720		1400 x 720

* For other fibre counts and modularity choice, please contact us.