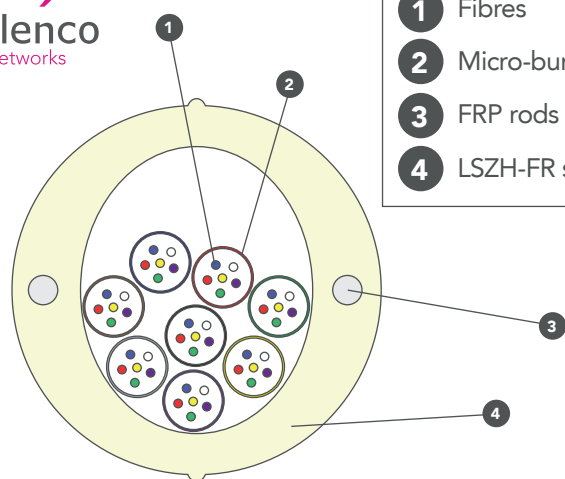


ELINE® FIBRE OPTICAL RISER VERTICAL DISTRIBUTION INDOOR CABLE



LEGEND

- 1 Fibres
- 2 Micro-bundle
- 3 FRP rods
- 4 LSZH-FR sheath

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 micro-bundles and to the longitudinal marking indicating the FRP position
- Good mechanical performances
- CPR compliant
- Fibres fully compliant with ITU G657A2 recommendations
- Fibre standard colour code:
- Micro-bundles 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:

Ø micro-bundle = 1.1mm		Fibre count						
		12	24	36	48	72	96	144
4 fibres per micro-bundle	Ø (mm)	7.5	8.5	9.5	9.5	10.5	11.5	12
	Weight (kg/km)	54	64	70	77	89	102	115
6 fibres per micro-bundle	Ø (mm)	7.5	7.5	8.5	9	9.5	10.5	11.5
	Weight (kg/km)	54	55	64	70	77	88	102

PERFORMANCES

Characteristics	Standards	Values
Tension (short term)	IEC 60794-1-2 - Method E1	480 N (Fibre strain >0.6% and attenuation reversibility)
Tension (long term)	IEC 60794-1-2 - Method E1	160 N (Fibre strain >0.2% and $\Delta\alpha \leq 0.05\text{dB}$ during test)
Crush	IEC 60794-1-2 - Method E3	300 N/10cm ($\Delta\alpha \leq 0.05\text{dB}$ 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, s1, d0, a1

ORDERING & PACKAGING INFORMATION

ELINE® RISER CABLE - 4 fibres per micro-bundle*							
Total fibre count	12	24	36	48	72	96	144
PN	91890	91240	91891	91243	91239	91324	91236
Lenght per drum	4km	2km			1km		
Drum size Øflange(mm) x Width(mm)	1000 x 690		1100 x 730			1200 x 730	

ELINE® RISER CABLE - 6 fibres per micro-bundle*							
Total fibre count	12	24	36	48	72	96	144
PN	91890	91240	91891	91243	91239	91324	91236
Lenght per drum	4km	2km			1km		
Drum size Øflange(mm) x Width(mm)	1000 x 690	900 x 690	1000 x 690	1100 x 730		1200 x 730	

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