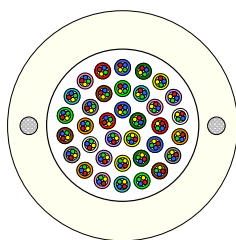


Preconnectorized Optical riser cable with 1 fanout 100% preconnectorized with SC/APC

Cable Design



- not to scale -

- **Micro-module:** Thin wall tubing (FlexTube®), housing BendBright^{XS} optical fibres. Without any gel.
- **Assembly of 2 to 36 micro-modules**
- **Strength members:** glass fibre reinforced plastic material.
- **Outer Sheath:** LSZH-FR material. Longitudinal markers in order to position the cable-opening window.

Indoor installation on cable tray, in corridors or shafts. Easy selection and removal of a tube up to 6m* for tapping and connection at the floor. The fully dry flexible micro-modules provide easier storage & faster installation and access to the fibres without specific tools and without further cleaning.

Cable Technical data

No. of Fibres (grouped by 4)	≤	24	48	60	96	144
Module Ø	mm	0.9				
Rigid strength member Ø	mm	1.0				
Cable Diameter	mm	8.7	9.5	10.5	11.5	13
Cable Weight	kg/km	75	80	100	115	140
Temperature range	°C	Installation -5 -> +60		Transport. & Storage -40 -> +70		Operation -5 -> +60

Please refer to our General Installation, Safety & Handling recommendations before handling.

Please refer to our riser data sheets for main cable characteristics and optical characteristics.

Identification

Fibre Colours

No.	1	2	3	4
Colour	red	blue	green	yellow

Module Colours

If Module number > 12

No.	1	2	3	4	5	6	7	8	9	10	11	12
Colour	red	blue	green	yellow	violet	white	orange	grey	brown	Light green	aqua	pink
No.	13	14	15	16	17	18	19	20	21	22	23	24
Colour	red	blue	green	yellow	violet	white	orange	grey	brown	Light green	aqua	pink
No.	25	26	27	28	29	30	31	32	33	34	35	36
Colour	red	blue	green	yellow	violet	white	orange	grey	brown	Light green	aqua	pink

Sheath Colour:

The outer sheath colour is white.

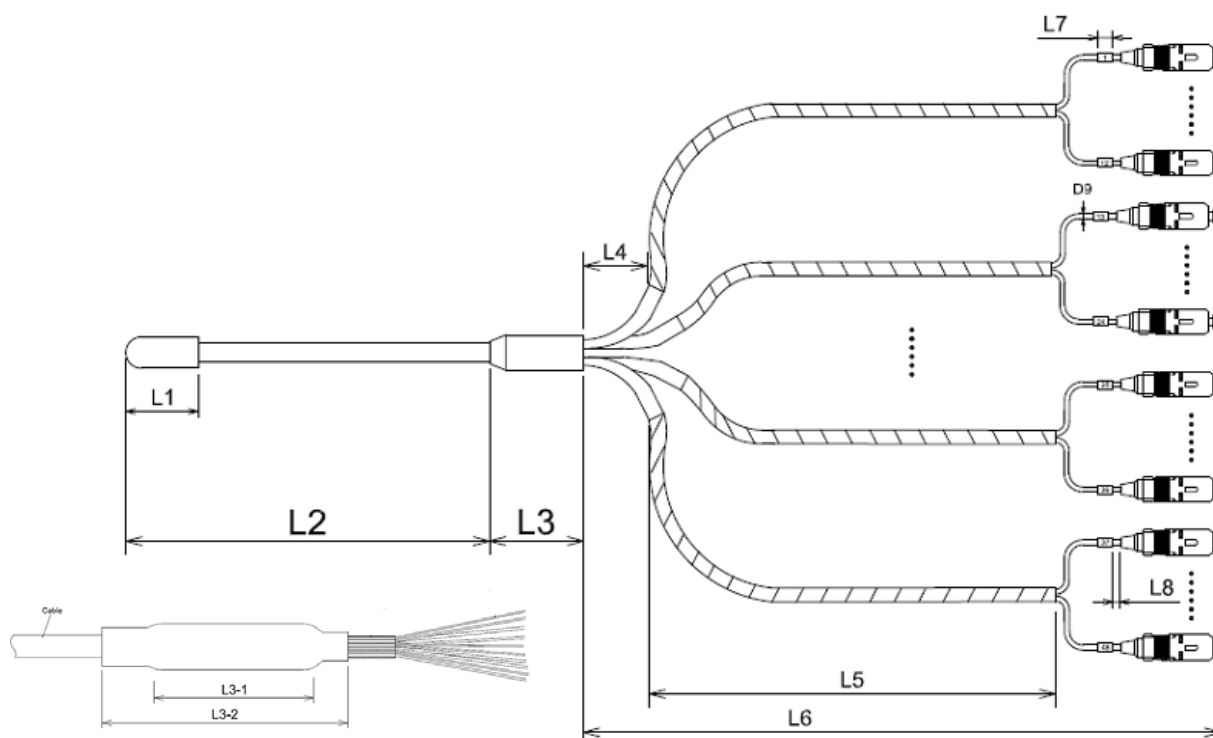
Sheath Marking:

The outer sheath is marked in 1 meter intervals as follows:

DRAKA <Week/Year of manufacture> <Number of fibre>
FO G657 A2 HFFR <Cable number> <Length marking in meter>

Assembly product

The riser cable is preconnectorized one end with SC/APC connectors.
 From the Fanout 1, the fibers are individually protected with a 900 µm.
 All the fibers are preconnectorized with SC/APC connector.
 Detailed parts characteristics are depicted below:



L1	36F&48F:40±5mm; 96&144F : 45±5mm
L2	L±0.5%, Cable type: Riser modulo 4
L3	36F: Max OD. 13mm, L3-1: 45±5mm, L3-2: 80±5mm 48F: Max OD.17mm, L3-1: 55±5mm, L3-2: 90±5mm 96F: Max OD.21mm, 85±5mm, L3-2: 120±5mm 144F: Max OD.24mm, 100±5mm, L3-2: 135±5mm
L4	25±5mm, Black Heat shrink tube
L5	750±25mm, Bundle per 12 fibers with spiral tube as drawing.
L6	900+50/-0mm
L7	10±1mm, O-Ring type Plio- M-Marker
L8	10±1mm
D9	900um±50um, Hytrel translucent tube

Logistic

Packing:

Wooden reel.

Delivery Lengths:

Standard delivery length is L=10m, 50m or 100m on reel.

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All sizes and values without tolerances are reference values. Specifications are for product as supplied by PrysmianGroup: any modification or alteration afterwards of product may give different result.

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