

## Pre-connectorised NRO Cable – Full One End Assembly

**Prysmian Part Numbers: See page 4**



**Note:** Pictures are for illustration purposes only and may not be representative of final product.

A pre-connectorised optical riser cable fully pre-connectorised at one end (with one fan-out and SC/UPC connectors.) The cable is available with 36 or 72 fibres. The fibres are individually pre-connectorised and controlled in factory. In the cable the fibres are grouped by 4 in FlexTube® micro-modules

The cable is suitable for indoor installation on cable tray, in corridors or in shafts.

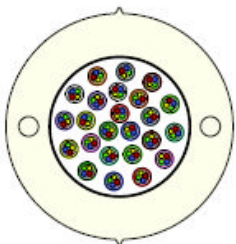
### Features and Benefits

- Available in fibre counts of 36 or 72 OF.
- All fibres supplied terminated with SC/UPC connectors.
- Test certificate supplied with each assembly.
- Supplied with ITU-T G.657.A2 BendBright®-XS fibres.
- Gel free micro modules for faster installation.

### Applications

- FTTx
- Telecommunications

### Cable Design



Not to scale

- **Micro-module:** Thin wall tubing (FlexTube®), housing BendBright®-XS optical fibres. Without any gel.
- **Assembly of 9 or 18 micro-modules**
- **Strength members:** glass fibre reinforced plastic material.
- **Outer Sheath:** LSZH-FR material.

## Cable Technical Data

Description	Number of Fibres	
	36	72
No of fibres per Module	4	4
Module Diameter (mm)	0.9	0.9
Cable Diameter (mm)	10.5	11.5
Fibre Type	G.657.A2 (BendBright®-XS)	
Min static bending radius	10 x Ø cable	
Temperature Range (°C)	Transportation, Storage: -40 to + 70	
	Installation: -5 to + 60	
	Operation: -5 to + 60	

## Identification

### Fibre Colours

No.	1	2	3	4
Colour	red	blue	green	yellow

### Module Colours

If module number is > 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	34	36
Colour	red	blue	green	yellow	violet	White	orange	grey	brown	Light green	aqua	pink

### Sheath Colour

The sheath colour is white

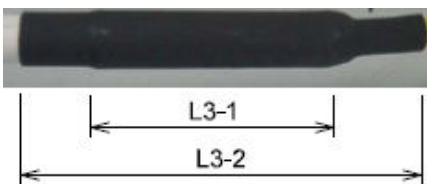
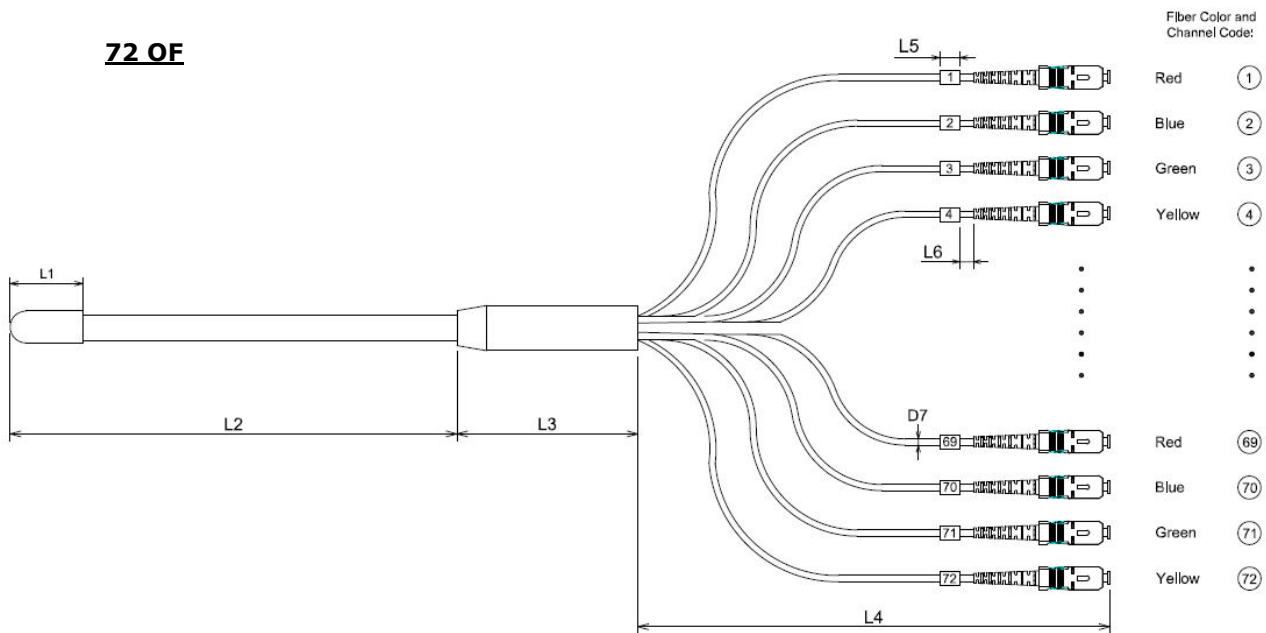
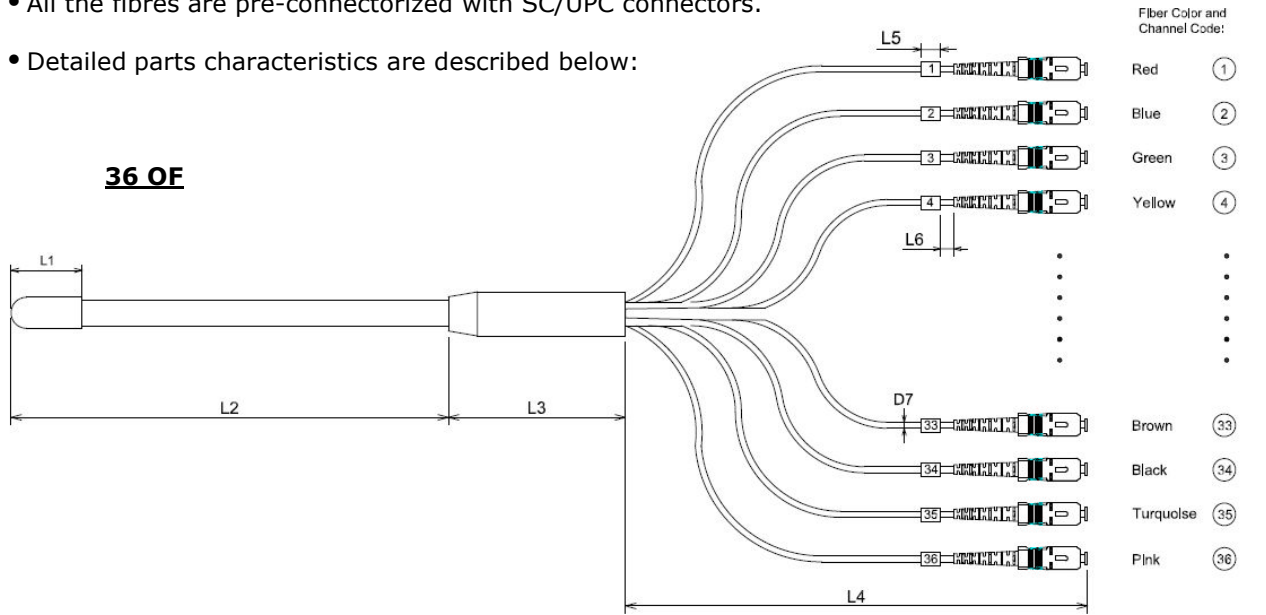
### Sheath Marking

The outer sheath is marked in 1 metre intervals as follows

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

## Product Assembly

- The riser cable is pre-connectorized at one end.
- From the Fan-out, the fibres are individually protected with a 900 µm tube.
- All the fibres are pre-connectorized with SC/UPC connectors.
- Detailed parts characteristics are described below:



L1	40±5mm
L2	L±0.5%
L3	36OF: Max OD. 23mm, L3-1: 85±1mm, L3-2: 115±5mm 72OF: Max OD. 30mm, L3-1: 110±1mm, L3-2: 140±5mm
L4	1400 +100mm/-0
L5	10±1mm, Identify the fiber number with plastic and fixed(no tape)
L6	10±1mm
D7	2.0±0.2mm, LSZH Yellow tube

## Part Numbers

Riser length (m)	No. of Fibres (grouped by 4)	
	36	72
<b>25</b>	<b>XPCSC00503</b>	<b>XPCSC00506</b>
<b>100</b>	<b>XPCSC00505</b>	<b>XPCSC00508</b>

## Packaging

The cable assembly is supplied on a wooden drum inside a cardboard box.

Please contact your local sales office listed on [www.prysmiangroup.com](http://www.prysmiangroup.com)

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