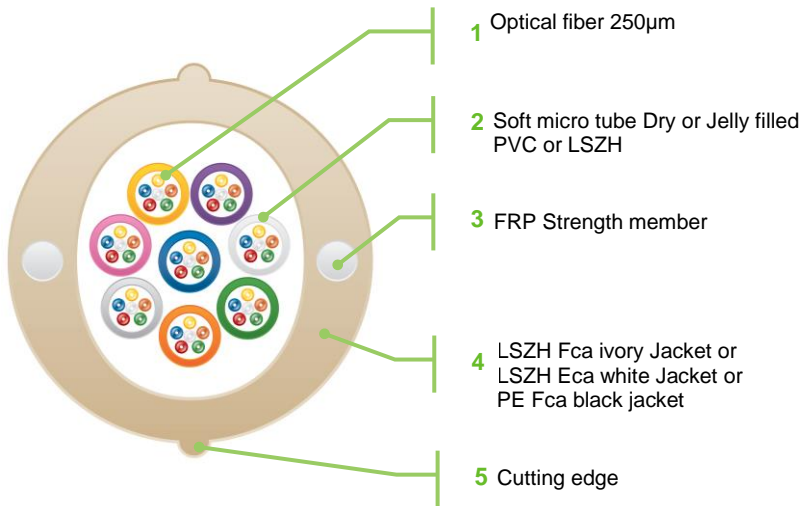


Riser cable from 6 to 288fo – LSZH jacket



Tube/fiber Number	Colour	Up to 12 modules: No Ring	Up to 24 modules: 1 Ring
1	Red		Black
2	Blue		
3	Green		
4	Yellow		
5	Violet		
6	White		
7	Orange		
8	Grey		
9	Brown		
10	Black		
11	Turquoise		
12	Pink		

Example of soft micro tube				
1Fo	2Fo	4Fo	6Fo	12Fo

Above 24 modules, the number of black rings increases

Applications

This cable is used as a backbone cable, linking floors in FTTh networks.

Mainly used with G657 A₂ extra flexible single mode performing fibers, it may be proposed with other singlemode properties. It meets or exceeds the performances of the IEC*, ITU and EIA/TIA specifications

Several versions are available from 6 to 288 cores.

It is grouped by modules of 2,4, 6 or 12 250µm strings (1) in one easy strippable soft micro module (2).

2 strength members (3) made of FRP (Fiber Reinforced Polymer) are extruded into the jacket to add pulling resistance.

A low smoke zero halogen (LSZH) outer jacket (4) is extruded over the cable core and a cutting edge (5) is shaped to facilitate where to peel off the cable sheath and extract some fiber to link the interconnection boxes with drop cables.

(*) For more specifications please refer to the document titled « optical performances ».


P/N : RCOxxxaaMssyzzzb

Riser cable from 6 to 288fo – LSZH jacket

Mechanical and environmental properties

										IEC-60794-1-2 Test Method	TIA/EIA-455 FOTP No.
Number of Fibers	6	12	24	36	48	72	96	144	288		
Number. of micro modules	From 1 to 36 modules										
Number of fiber per modules	1 - 2 - 4 - 6 - 12 fibers per module										
Nom. Diameter [mm]	8.0 to 17.0mm depending on the number of fibers & modules										
Nom. Jacket Thickness [mm]	Minimum 1.3mm, Maximum 2.0mm										
Long term Pulling Load	320 N									E1	33
Short term Pulling Load	710 N									E1	33
Minimum Bending Radius	12.5 x D (dynamic) 25 x D (static)										
Short Compressive Loading	300 N									E3	41
Short Compressive Loading	1000 N									E3	41
Fire Resistance	IEC 60332-1										
Storage Temperature Range	- 40° C to +70° C										
Operating Temperature Range	- 40° C to +70° C										
Nom. Weight [kg/km]	68	73	85	97	122	136	166	217			

Part numbers

Part numbers	Description	JACKET COLOUR	 (m)
RCOxxxaaMssyzzzS	xxx FO zzz INT RISER LSZH Eca	Ivory - RAL 1015	2km size mini 800*640 – 1300*730mm 4km size mini 1000*730 – 1300*730mm
RCOxxxaaMssyzzzD	xxx FO zzz INT RISER LSZH Dca	White - RAL 9016	
RCOxxxaaMssyzzzP	xxx FO zzz INT RISER PE Fca	Black - RAL 9005	

xxx replace by total number of fibers
aa replace by number of soft micro tube
y replace by D for Dry or G for Jelly filled
ss replace by number of fibers inside soft micro tube
zzz replace by type of fiber (example 7A2)