










DIELECTRIC INDOOR  $\mu$ SHEATH® MS CABLE

## Standards reference :

European standards series EN 60794

International standards series IEC 60794 &amp; IEC 60332

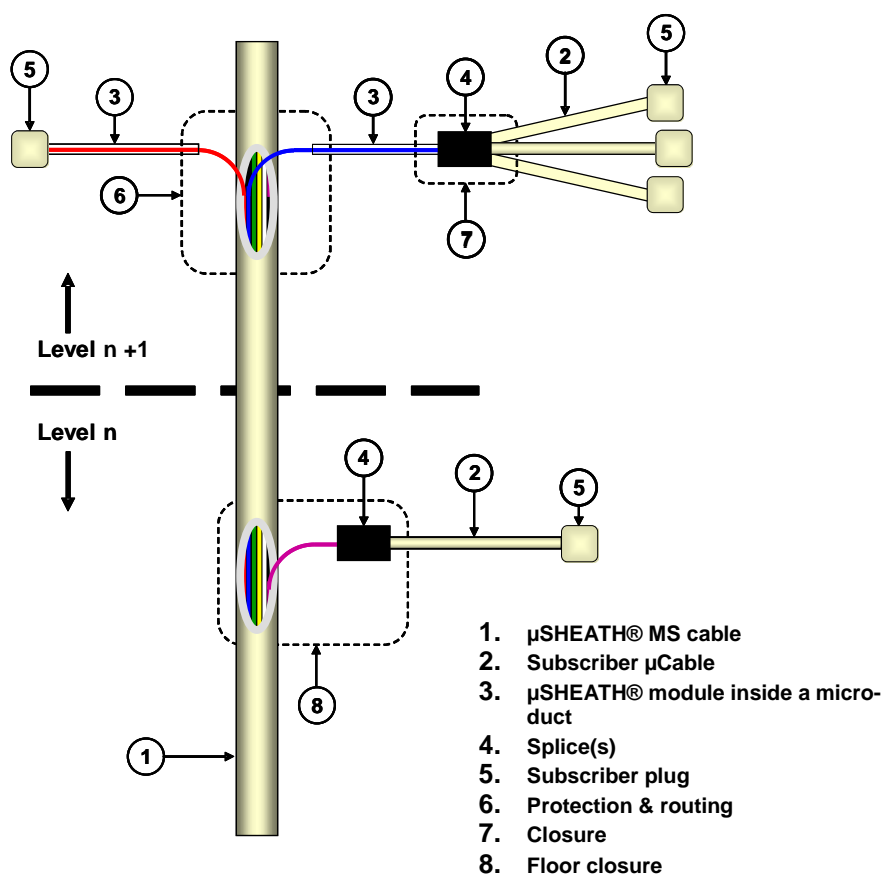
## Application / Features

									
Excellent	•								
Very good						•			•
Good		•	•	•	•		•	•	
Medium									
Poor									

Indoor  $\mu$ SHEATH® MS cables are dedicated to vertical installation inside buildings for FTTx applications.

**The  $\mu$ SHEATH® MS design brings the following advantages:** compacity, lightness, handling easiness, modularity and very easy access to modules (re-routing and mid-span on long lengths).

## Mid-span solutions for building cabling



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## Telecom Cables / Commercial

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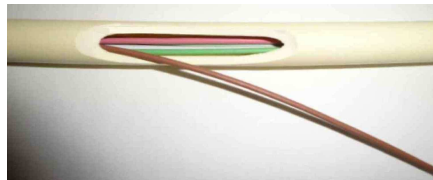
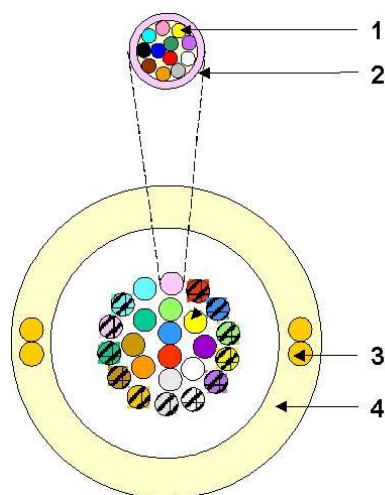
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DIELECTRIC INDOOR  $\mu$ SHEATH® MS CABLEDielectric indoor  $\mu$ SHEATH® MS cables

Usual fibre-count (1)	Modularity (1)	Weight kg/km	Diameter mm	Bending radius mm	Max. tensile load daN	Delivery length km (2)
12	Please, consult us					
24	Please, consult us					
48	4 x 12	61	8.5	85	60	≤ 6 km
72	6 x 12	80	10.5	105	80	≤ 4 km
96	Please, consult us					
144	12 x 12	143	14.0	140	150	≤ 4 km
288	Please, consult us					



- (1) Other fibre counts and other modularity possible under request (see hereunder).  
 (2) May depend on fibre type used. Please consult us.

These halogen-free cables are at least flam-retardant (according IEC 60332-1) and generally fire-retardant (according IEC 60332-3), and emit low smoke quantities.

**These cables can be custom-adapted for specific requirements or to comply with Operator's Technical Specifications. Please contact us..**

## Design

1. Colour-coded optical fibres, of any type, singlemode (G652, G655, G 656, G657...), or multimode 50/125 or 62.5/125.
2. Colour-coded waterblocked  $\mu$ SHEATH® units containing 1, 2, 4, 6, 8 or 12 fibres.
3. Dielectric strength members are embedded in the sheath
4. Ivory\* thermoplastic halogen free outer jacket (LSZH)\*.

## Identification \*

Optical fibres and  $\mu$ SHEATH® units (modules) are individually coloured according to the following code:

Red, Blue, Green, Yellow, Violet, White, Orange, Slate, Brown, Black, Aqua, Rose.

## Outer marking \*

Year - Fibre count - fibre type - Silec + metric marking

(\*) For specific requirements : please contact us.

Maximum fibre-count versus modularity			
Cable diameter (nominal), mm	8.5 mm	10.5 mm	14.0 mm
Modularity: 2 O.F. / unit	24	48	(*)
Modularity: 4 O.F. / unit	40	72	96
Modularity: 6 O.F. / unit	48	72	144
Modularity: 8 O.F. / unit	48	72	192
Modularity: 12 O.F. / unit	48	72	216

(\*) For modularity 2, please contact us.