



Indoor / Outdoor Cable

Steel Armoured, Unitube | LSZH

6 | 12 | 24 Fibres

MM - G.651 - OM1 | OM2 | OM3 | OM4

Fca

This *LightMax®* unitube steel and glass yarn armoured indoor / outdoor optical cable is recommended for in duct and direct burial instalations. It offers great stability and performance on several environmental situations. Its sheath helps to protect the cable from UV radiation and humidity. The unitube structure filled with a compound and containing the fibres is entangled by corrugated steel plastic tape and glass yarns, delivering extra rodent protection.

Applications:

- Duct installation on damages risk areas
- Direct burial

Features:

- Steel plastic tape and glass yarns armoured cable
- LSZH outer sheath
- Single loose tube
- Filling compound & longitudinal water tightness
- G.651 OM1-OM2-OM3-OM4 Multimode fibre
- Rodent protection
- Two Ripcord
- CPR Euro class Fca

OM1

OM2

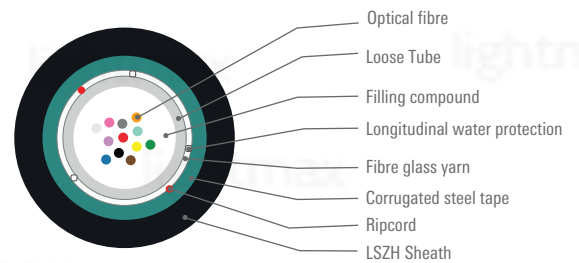
OM3

OM4

FIBRE AVAILABILITY

G.651

[Picture for reference purposes only]



Fibres and tube colours

[France Télécom]

Fibres	01	Red	07	Orange	Tube	White
	02	Blue	08	Grey		
	03	Green	09	Brown		
	04	Yellow	10	Black		
	05	Violet	11	Aqua		
	06	White	12	Pink		

CABLE SPECIFICATIONS					
Fibre count	Count	—	6	12	24
Loose tube	Diameter	mm	3.0	3.6	
	Material	—	PBT		
Peripheral strength member	Material	—	N / A		
	Material	—	LSZH		
Outer sheath	Colour	—	Black		
	Thickness	mm	1.7		
Cable diameter [D]	mm		9.5	10.0	
Cable weight	kg/km		110	115	
Bending Radius	Static	—	10 D		
	Dynamic	—	15 D		
Tensile	Short term	N	1500		
Crush	Short term	N/100mm	2000		
Temperature	Storage	°C	-40 ~ 70		
	Operation	°C	-30 ~ 70		
Standards					
					E1 - Tensile Loading
					E3 - Crush
					E4 - Impact Resistance
					E6 - Repeated Bending
					E7 - Torsion
					F1 - Temperature cycling
IEC 60794-1-2					

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