



Indoor / Outdoor Cable

Steel Armoured, Unitube | LSZH

6 | 12 | 24 Fibres

SM - G.652.D

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.652.D single mode fibre
- Rodent protection
- Two ripcords
- CPR Euro class Fca

FIBRE AVAILABILITY

G.652.D

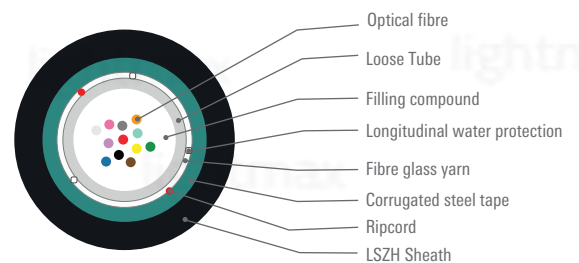
Part Numbers

LMCAIO2DAU006FM06ZHPB3 LMCAIO2DAU012FM12ZHPB3
LMCAIO2DAU024FM24ZHPB3

Rel. 11 - EN/OCT24

www.lightmax.com

[Picture for reference purposes only]



Fibres and tube colours

[France Télécom]

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

CABLE SPECIFICATIONS					
Fibre count			6	12	24
Loose tube	Count	—		1	
	Diameter	mm	3.0		3.6
Peripheral strength member	Material	—		PBT	
	Material	—		N / A	
Outer sheath	Material	—		LSZH	
	Colour	—		Black	
	Thickness	mm		1.7	
Cable diameter (D)		mm	9.5		10.0
Cable weight		kg/km	118		125
Bending Radius	Static	—		15 D	
	Dynamic			20 D	
Tensile	Short term	N		1500	
Crush	Short term	N/100mm		2000	
Temperature	Storage	°C		-40 ~ 70	
	Operation			-30 ~ 70	
Standards					
				E1 - Tensile Loading	
				E3 - Crush	
				E4 - Impact Resistance	
				E6 - Repeated Bending	
				E7 - Torsion	
				F1 - Temperature cycling	
IEC 60794-1-2					