



Indoor/Outdoor Cable

Steel Armoured, Multi Loose tube | LSZH

SM - G.652.D | 48 Fibres

Eca

LightMax[®] Multi Loose tube Steel Armoured Indoor/Outdoor optical cable is available in 48 fibres. This cable is recommended instalations on ducts in damages risk areas, and for lashing. It offers great stability and performance on several environmental and installation situations. The sheath protects the cable from UV radiation and humidity. Loose tubes are filled with suitalbe compound. Loose tubes and fillers are stranded around CSE. A corrugated steel-plastic tape provides aditional anti-rodent protection.

Features:

- Steel tape armoured cable.
- LSZH Outer sheath.
- Rodent protection.
- Multi 12 fibres loose tubes.
- Compound for water protection .
- Single mode G.652.D fibre.
- Euroclass CPR Eca.

Applications:

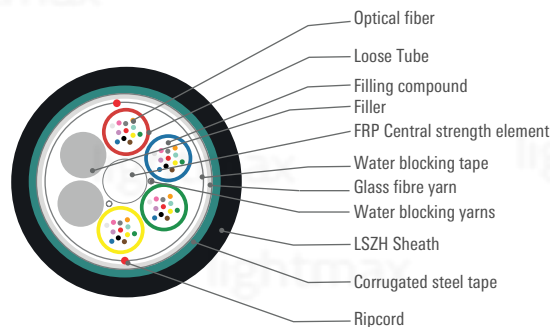
- Indoor / Outdoor
- Duct

FIBER AVAILABILITY

G.652.D

G.657.A1

G.657.A1



[Picture for reference purposes only]

Fibres, Loose tubes & fillers colours

[France Telecom]

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

CABLE SPECIFICATIONS			
Fibres count		-	48
Structure [Filler + Tube]	Tube	—	4
	Filler	—	2
Loose Tube	Fibres per tube	—	12
	Material	—	PBT
	Diameter	mm	2.0
Central Strength Member	Material	—	FRP
	Diameter	mm	2.1
Water blocking compound		—	Water blocking tape + waterswellable yarn
Armour		—	Steel-plastic tape + Fibre Glass yarns
Sheath	Material	—	LSZH
	Colour	—	Black
Cable Diameter		mm	11.1
Cable Weight		kg/km	148
Tensile		N	2700
Crush		N/100mm	3000
Bend radius		—	20 x D
Temperature		°C	-30 ~ 70
Standards			
IEC 60794-1-2			E1 - Tensile Loading
			E3 - Crush
			E4 - Impact Resistance
			E6 - Repeated Bending
			E7 - Torsion
			F5B - Water Penetration
EN50575:2014+A1:2016			Eca Euroclass

Part Number

LMCAI02DAM048FM12ZHPB1E

Rel. 8 - EN/SEP24

www.lightmax.com