



Dielectric Outdoor Cable

Unitube | HDPE

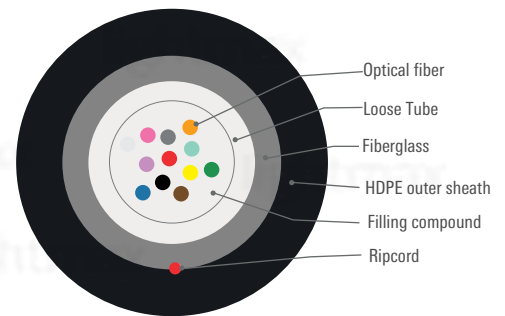
SM - G.652.D - 6 | 12 | 24 fibres

Fca



Dielectric outdoor cable with central loose tube, in which the optical fibers and a water protection gel are placed. This cable offers resistance to hostile environmental conditions during its installation and operation and it has an HDPE UV protected outer sheath. It contains laminated glass yarns as reinforcing and rodent protection.

[Pictures for reference purposes only]



G.652.D FIBRE OPTIC SPECIFICATIONS		
Fibre type		Single Mode
Core diameter		9 μ m
MFD	@1310 nm	9.2 \pm 0.4 μ m
	@1550 nm	10.4 \pm 0.5 μ m
Cladding diameter		124.8 \pm 0.7 μ m
Coating diameter	Before colour	245 \pm 10 μ m
Cladding non circularity		\leq 0.7 %
Core/Cladding concentricity error		\leq 0.5 μ m
Attenuation	@1310 nm	\leq 0.40 dB/km
	@1550 nm	\leq 0.30 dB/km
Standard	ITU-T	G.652.D



Fibres & tube colours

[France Télécom]

Fibres	01	Red	07	Orange	13	Red	19	Orange
	02	Blue	08	Grey	14	Blue	20	Grey
	03	Green	09	Brown	15	Green	21	Brown
	04	Yellow	10	Black	16	Yellow	22	Black
	05	Violet	11	Aqua	17	Violet	23	Aqua
	06	White	12	Pink	18	White	24	Pink

Features:

- Dielectric cable.
- HDPE UV protected outer sheath.
- Fibre count from 6 | 12 | 24 fibres.
- SM - G.652.D fibre.
- Specific colour code on fibres.
- 1 ripcord.
- 1000 N max. tensile.

CABLE SPECIFICATIONS					
Fibres count			6	12	24
Loose tube diameter		mm	3.0	3.6	4.1
Nominal cable diameter (D)		mm	6.0	6.5	6.8
Cable weight		kg/km	32	35	40
Outer sheath	Material Colour	–	HDPE Black		
Water blocking		–	Gel inside loose tube		
Non metallic armour		–	Laminated glass yarns		
Ripcord		–	1		
Temperature	Storage	°C	-40 ~ 70		
	Operating	°C	-30 ~ 60		
Bend radius	Load	–	20 x D		
	Unload	–	10 x D		
Crush resistance		N/10 cm	1500		
Max. Tensile		N	1000		
Standard			E1 - Tensile		
			E3 - Crush		
IEC 60794-1-2			E4 - Impact		
			E6 - Repeated bending		
			E7 - Torsion		
			F1 - Temperature cycling		

Part Numbers
LMCAOU2DDU006FM06HDPB2F LMCAOU2DDU012FM12HDPB2F
LMCAOU2DDU024FM24HDPB2F

Rel. 6-EN/FEB23