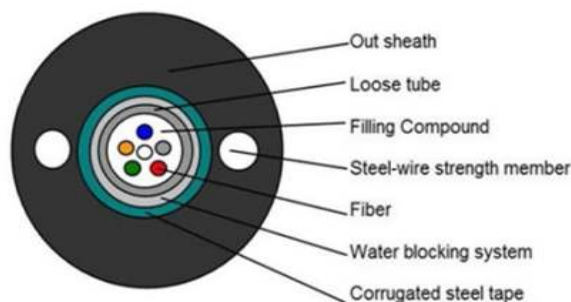


VOYGAR OFC, Outdoor, HDPE, 2 Parallel Steel Wires Strengthen member, Central Loose Tube, Optical fibre Cable, jell Free, Multimode 50/125nm, OM4, 4 Core

Ref. CM4AF004



Features

- Good mechanical and temperature performance.
- High strength loose tube that is hydrolysis resistant.
- Special tube filling compound ensure a critical protection of fibre.
- **Crush resistance and flexibility.**
- Two parallel steel wires ensure tensile strength.
- Small diameter, light weight and friendly installation.

General Specifications

Optical performance	50/125 OM4
Wavelength	850/1300 nm
Cable Type	Loose Tube
Fibre Cable Type	Outdoor Cable
Moisture Barrier	Water blocking system

Optical Specifications

Attenuation@850nm	$\leq 2.4\text{dB/km}$
Attenuation@1300nm	$\leq 0.6\text{dB/km}$
Attenuation@1380nm	$\leq 2.0\text{dB/km}$
Numerical Aperture	0.200 ± 0.015
Zero Dispersion Wavelength	1295-1340nm
Zero Dispersion Slope	$\leq 0.105\text{ps/nm}^2\text{km}$

Macro bending Loss

(10 turns: $\Phi 75\text{mm}$) @850 nm	$\leq 0.5\text{dB}$
(10 turns: $\Phi 75\text{mm}$) @1300 nm	$\leq 0.5\text{dB}$
Effective Group Index of Refraction	

Construction Materials

Packing material	wooden drum
Total Fibre Count	4
Fibres per Subunit, quantity	4
Moisture Barrier	Water blocking system

Loose tube

Material	PBT
Diameter	2.2mm
Colour	Standard spectrum
Armouring	
Armour Type	Armoured
Armour Material	Corrugated steel tape
Steel wire	
Size	0.8mm
Number	2
Outer sheath	
Material	HDPE
Thickness of diameter	2mm

Dimensions

Cable Length	2000 m
Approximate weight	75 kg/km
Diameter over Jacket	8.7mm
Core Diameter	50
Clad Diameter	125

Physical Specifications

Min Bending Radius

Long term	10D mm
Short term	20D mm

Min allowable Tensile Strength

Long term	1200 N
Short term	1500 N

Crush Load

Long term	3000N/100mm
Short term	1000N/100mm

Environmental Specifications

Environmental Space Universal	Aerial, lashed /buried
Installation Temperature	-20 °C to +60 °C
Operating Temperature	-40 °C to +70 °C
Storage Temperature	-40 °C to +75 °C

Standards

ANSI/ICEA S-83-596
ISO/IEC 11801
IEC 60794-1
IEC 60332-1
IEC 60332-3