

## Multimode OM4 Outdoor Central Loose Tube Armored, PE - FFEM4SLxA



### DESCRIPTION

FABNET Outdoor Polyethylene (PE) Loose tube Armored Cables are perfectly suited for rugged applications and installations requiring increased performance. The offered cables are fully compliant with the relevant IEC specifications. The loose tube is surrounded by a swellable glass yarn strength member, a corrugated steel armour for physical protection and a UV resistant PE protective jacket.

### APPLICATIONS

- Operates at wavelengths of 850 nm and 1300 nm.
- ETHERNET: 10BASE - 10GBASE(100BASE, 1000BASE, 10GBASE).
- Corrugated Steel Armoured Outdoor Cable
- Rodent Proof & Water Blocking
- Cables are specifically designed for outdoor duct or direct buried applications

### SPECIFICATIONS & FEATURES

- Compliant with ANSI/TIA-568.3-D, ISO/IEC 11801
- Outer Jacket: PE, Black
- Gel-filled loose tube
- Compact 250µm loose tube construction
- Glass yarn strength member.

### MECHANICAL & PHYSICAL PROPERTIES

<b>Number of cores</b>	04 to 24 Cores	<b>Fiber Type</b>	OM4 Multimode (G.651)
<b>Impact</b>	10 J, 3 impacts	<b>Tensile Force</b>	≤ 1300 N, 1 min (Installation)
<b>Tensile Force</b>	≤ 750 N, 10 min. (Operation)	<b>Crush Resistance</b>	Max. 2000 N
<b>Flame Test</b>	IEC 60332-1-2	<b>Cable Bending</b>	R= 20 x D, 4 turns, 3 cycles
<b>Color of Fibers in Per Tube (12 Core)</b>	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua	<b>Operating Temperature</b>	-40 to +70 °C
<b>Outer Jacket</b>	PE	<b>Installation Temperature</b>	-10 to +60 °C
<b>Jacket Color</b>	Black	<b>Storage Temperature</b>	-40 to +70 °C
<b>Water Penetration</b>	24 hours 3 m length	<b>Repeated Bending</b>	R= 20 x D, 100 N, 35 cycles,
<b>Tube Material</b>	PBT	<b>Tube Filling Compound</b>	Thixotropic Jelly
<b>Strength Member</b>	Swellable Glass Yarn	<b>Armoure</b>	Corrugated Steel Tape

