

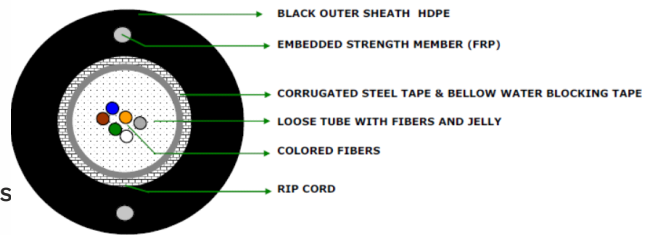
# Honeywell

## MM-OM2 FIBER CABLE UNITUBE ARMORED HDPE/LSZH SHEATH

HONEYWELL Fiber optic cable multi-mode armored Unitube design is suitable for Outdoor network connectivity. Unitube design has Thixotropic jelly inside to prevent water ingress in loose tube. Two FRP rods as embedded strength members provide excellent tensile strength

### Features

- Multi Mode OM2 Outdoor Fiber
- Unitube Armored Design
- 6 Fiber Cores
- Single HDPE/LSZH Sheath
- Excellent Optical and Mechanical Properties



### Technical Specifications

FIBER	
Single Mode Optical Fiber	50/125 OM 2
Maximum Cabled Fiber Attenuation dB/Km	850nm : < 3.0 & 1300nm : < 1.0
LOOSE TUBE	
Filling Jelly	Thixotropic Jelly To Prevent Water Ingress In Loose Tube
Tube 1 No.	Thermoplastic Material (PBT)
CABLE	
Embedded Strength Member 2 Nos.	FRP To Provide Tensile Strength
Rip Cord	Polyester Based Yarns Below Armor Tape For Easy Ripping
Armour	Corrugated ECCS Tape
Outer Sheathing	Black HDPE 2.0 mm Nominal Thickness

OPTICAL FIBER CABLE PERFORMANCE			
MECHANICAL (Test Standard - IEC 60794-1-2)		ENVIRONMENTAL (Test Standard IEC 60794-1-2)	
<b>Tensile Strength, Method E1</b>	1000N	<b>*Temp, Performance, Method F1</b>	
<b>Bend Radius, Method E11</b>	<b>Crush, Method E3</b> 1000N/100mm	<b>Installation</b>	-20°C to +50°C
<b>-During Installation</b> 20 D	<b>Impact, Method E4</b> 10Nm	<b>Operation</b>	-30°C to +60°C
<b>-After Installation</b> 10 D	<b>Torsion, Method E7</b> ±180°	<b>Storage</b>	-40°C to + 70°C
<b>Tests shall be carried out as per IEC Standards, Change in attenuations shall be &lt;math&gt;\leq 0.5\text{dB/km}&lt;/math&gt;. *Max. change in attenuation shall be &lt;math&gt;\leq 0.5\text{dB/km}&lt;/math&gt;</b>			
COLOR DETAILS			
Optical Fibre Color	Blue, Orange, Green, Brown, Slate, White,		
Loose Tube Color	White		
Sheath Color	Black		
PHYSICAL PARAMETERS			
<b>Diameter (mm, Nominal)</b> 8.0 ± 0.5	<b>Cable wt. (kg/km)</b> 63.0 ± 10%	<b>Cable Length</b>	2Kms+/-5%
		<b>Order Tolerance:</b>	5%
		<b>Short Length</b>	Max. 5%, Customer Approval.

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FIBER



## Ordering Information (Part Codes And Description)

No.	PartCode	Description
1	HC002101/FBR/M2/UT/OD/ARM/HD/6F	MM Fiber Cable 6F Unitube Armoured HDPE Sheath
2	HC002103/FBR/M2/UT/OD/ARM/LS/6F	MM Fiber Cable 6F Unitube Armoured LSZH Sheath

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