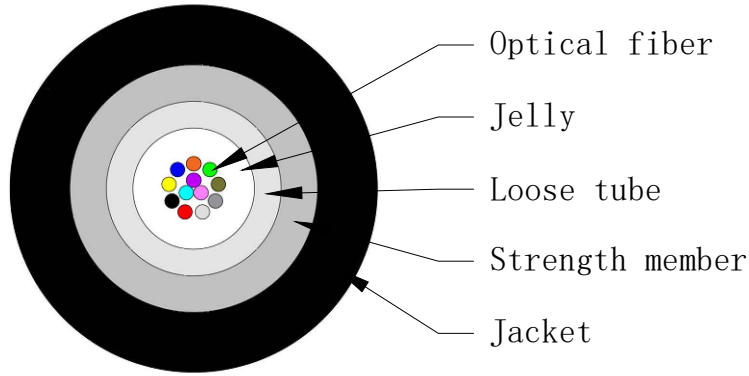




**Profile View:**



**Cable Parameters:**

Items		Items
Fiber Type		OM4
Fiber Count		4~24
Colored Coating Fiber	Dimension	250±10um
	Color	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Turquoise
	Filler	Jelly
Central Tube	Dimension	3.0mm <span style="color:red">▲</span>
	Material	PBT
	Color	Semitransparent
Strength Member		Water-blocking Glass yarn
Outer Jacket	Dimension	7.5mm±0.2mm
	Thickness	1.8±0.1mm <span style="color:red">▲</span>
	Material	LSZH
	Color	Black

**Note:**

RoHS 2011/65/EU and amendment directives (EU) 2015/863 compliant;REACH 1907/2006/EC compliant.

Test Grade Designation:Each to Reference(100%)		
Grade IL/RL	Standard	
Insertion Loss (IL)	≤0.3dB	IEC 61300-3-4
Return Loss (RL)	≥30dB	IEC 61300-3-6
Test Wavelength	850nm	
End face inspection	×400	

Packing:1pc/PE BAG+serial number sticker+test report+manual

**Mechanical and Environmental Characteristics:**

Items	Unite	Specifications
Tension(Long Term)	N	800 (IEC 60794-1-2 E1)
Tension(Short Term)	N	1500 (IEC 60794-1-2 E1)
Crush(Long Term)	N/10cm	1000 (IEC 60794-1-2 E3)
Crush(Short Term)	N/10cm	2000 (IEC 60794-1-2 E3)
Min. Bend Radius(Dynamic)	D	30 (IEC 60794-1-2 E11)
Min. Bend Radius(Static)	D	15 (IEC 60794-1-2 E11)
Installation temperature	°C	-20~+60 (IEC 60794-1-2 F1)
Operation temperature	°C	-20~+60 (IEC 60794-1-2 F1)
Storation temperature	°C	-20~+60 (IEC 60794-1-2 F1)
Water penetration	H=1m, 24h	P<3m (IEC 60794-1-2 F5B)
CPR	/	Dca compliant
UV Retardant	/	ASTM G155(Cycle 1) Xenon Are:340nm 1000hours

**SYNERGY 21**

SYNERGY 21										
CUSTOMER		AN			ITEM NO.		See the chart			
BY	CHK	MODIFY THE OD AND OUTER SHEATH WALL THICKNESS OF THE PBT TUBE.	2025-12-12	A1	PRODUCT NAME	Universal LC/UPC-LC/UPC OM4 4C 7.5mm, CPR Dca compliant	Manufacture country	CHINA	UNIT	mm
		NEW	2025-10-13	A0	DRAWNBY	CHECKBY	APPOBY	DATE		
BY	CHK	REVISION RECORD MODIFICATIONS	DATE	REV.	SYNERGY 21	SYNERGY 21	SYNERGY 21	2025-10-13		