

05150 / 05152 / 05153

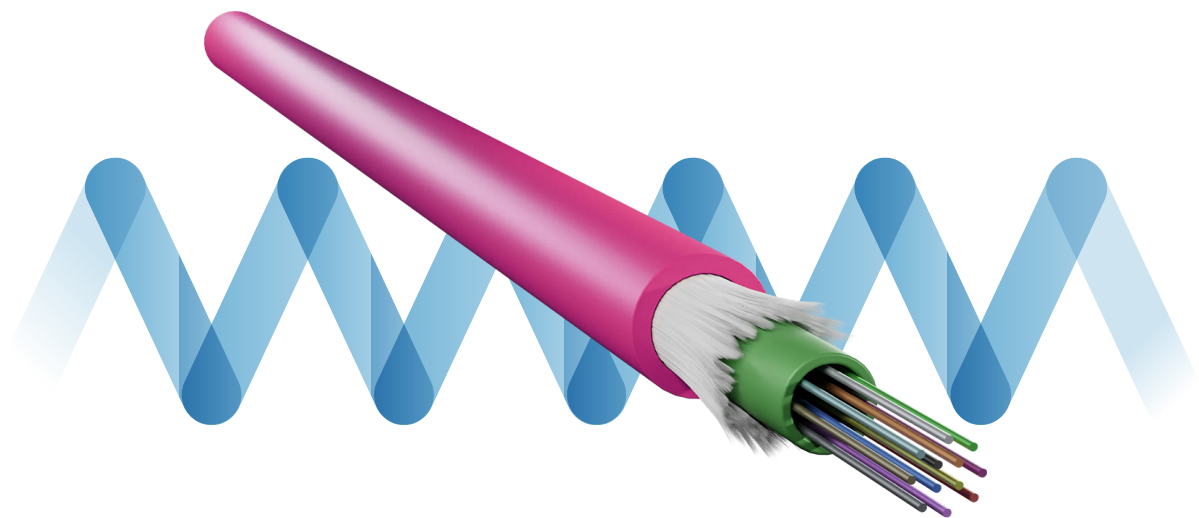
OM4

C_{ca}

OM4 dielectric fiber optic cable, LSZH Cca

DESCRIPTION

High-performance fiber optic cable for video, voice, and data transmission. The manufacture of these cables is subject to strict safety regulations, complying with the most demanding international certification standards.



APPLICATIONS

- Intercommunication between racks.
- Connection between panels and voice and data points.
- Short-distance distribution to terminals.
- General indoor and outdoor use in local networks (LAN) and video.

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BENEFITS

- Compact, lightweight, highly flexible, robust, and durable.
- Easy to peel (gel-free).
- Fully dielectric.
- Reduced diameter.
- Direct connection.
- Savings on installation costs.
- Halogen-free, low smoke emission, and flame retardant.
- UV resistant.
- Protected from rodents.
- Compatible with the complete range of fiber optic components.

REGULATIONS

Mechanical and thermal tests according to:	Fire test according to:
IEC 60794-1-21/E7	UNE-EN 50266 (IEC 60332-3)
IEC 60794-1-22/F5B	UNE-EN 50267 (IEC 60754-1)
IEC 60794-1-21/E4	UNE-EN 50268 (IEC 61034-1/2)
IEC 60794-1-21/E3	Euroclass CPR
IEC 60794-1-21/E1	Reaction to fire Cca, s1a, d0, a1
IEC 60794-1-22/F1	DOP01005
IEC 60794-1-22/F1	
IEC 60794-1-21/E11	

ENVIRONMENTAL AND MECHANICAL SPECIFICATIONS

Fibers:	4 / 8 / 12
Center tube diameter:	3.2 mm.
Traction elements:	WB reinforced glass fibers (water blockers)
Aarmor:	Fiberglass
Outer cover:	LSZH thermoplastic
Color:	Violet RAL 4003
Weight (kg/km):	67
Outer diameter:	7.5±0.5
Traction Perm/Inst (N):	2500
Crushing (N/10 cm):	3000 (10 min)
Minimum curvature radius:	15 x outer diameter
Maximum coil length (m):	4 - 8 fibers: 4000 / 12 fibers: 2200
Fiber color:	Red, green, yellow, blue, white, violet, orange, black, gray, brown, pink, turquoise
Color of fibers with 1 ring:	Red, green, yellow, blue, white, violet, orange, black, gray, brown, pink, turquoise

PHYSICAL SPECIFICATIONS

Core size:	50 microns
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ORDER INFORMATION

P/N	DESCRIPTION	USE	COVER	Ø FIBER	NO. OF FIBERS	LENGTH (M)
05150	OM4 dielectric fiber optic cable Cca. s1a, d0, a1	interior / outside	LSZH	50/125 µm	4	1
05152	OM4 dielectric fiber optic cable Cca. s1a, d0, a1	interior / outside	LSZH	50/125 µm	8	1
05153	OM4 dielectric fiber optic cable Cca. s1a, d0, a1	interior / outside	LSZH	50/125 µm	12	1