

05182 / 05183 / 05115

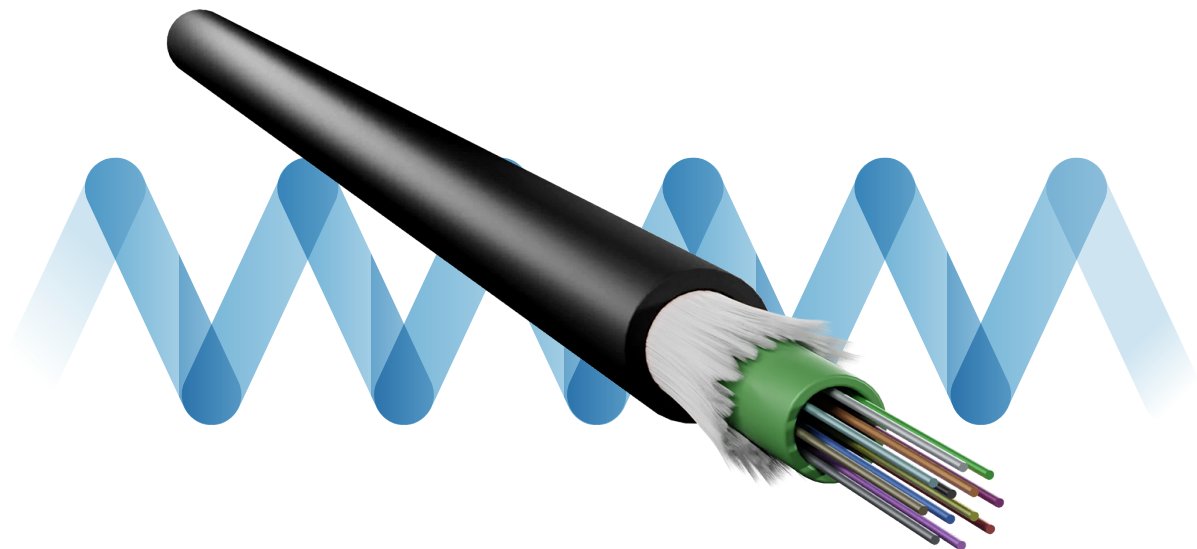
OM2

C_{ca}

Dielectric Armored Fiber Optic Cable Cca s1a,d0,a1 LSZH 50/125 μ m OM2

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 area 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

FIRE TEST:	MECHANICAL AND THERMAL TESTS:
UNE-EN 50266 (IEC 60332-3)	IN 187,000
UNE-EN 50267 (IEC 60754-1)	IEC 60794
UNE-EN 50268 (IEC 61034-1/2)	
Euroclass CPR	
Reaction to fire Cca, s1a, d0, a1	
DOP01005	

ENVIRONMENTAL AND MECHANICAL SPECIFICATIONS

Fibers	8, 12, and 24
Center tube diameter	8–12 fibers: 3.2 mm / 24 fibers: 4.2 mm
Traction elements	WB reinforced glass fibers (water blockers)
Aarmor	Fiberglass
Outer cover	LSZH thermoplastic
Color	Black
Weight (kg/km)	72
Outer diameter	8 fibers: 8.2 mm / 12-24 fibers: 8.7 mm
Perm/Inst Traction (N)	2200
Crushing (N)	1500
Temperature range	-20°C to +70°C
Minimum curvature radius	10 times the outer diameter
Coil length	8 fibers: 4000 m / 12-24 fibers: 2200 m
Color of the fibers	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
Core size	50 microns

ORDER INFORMATION

REFERENCE	DESCRIPTION	USE	COVER	Ø FIBER	NO. FIBERS	LENGTH (M)
05182	Dielectric armored FO MM cable	indoor/outdoor	Cca LSZH	50 / 125 µm	8	1
05183	Dielectric armored FO MM cable	indoor/outdoor	Cca LSZH	50 / 125 µm	12	1
05115	Dielectric armored FO MM cable	indoor/outdoor	Cca LSZH	50 / 125 µm	24	1