

05150 / 05152 / 05153

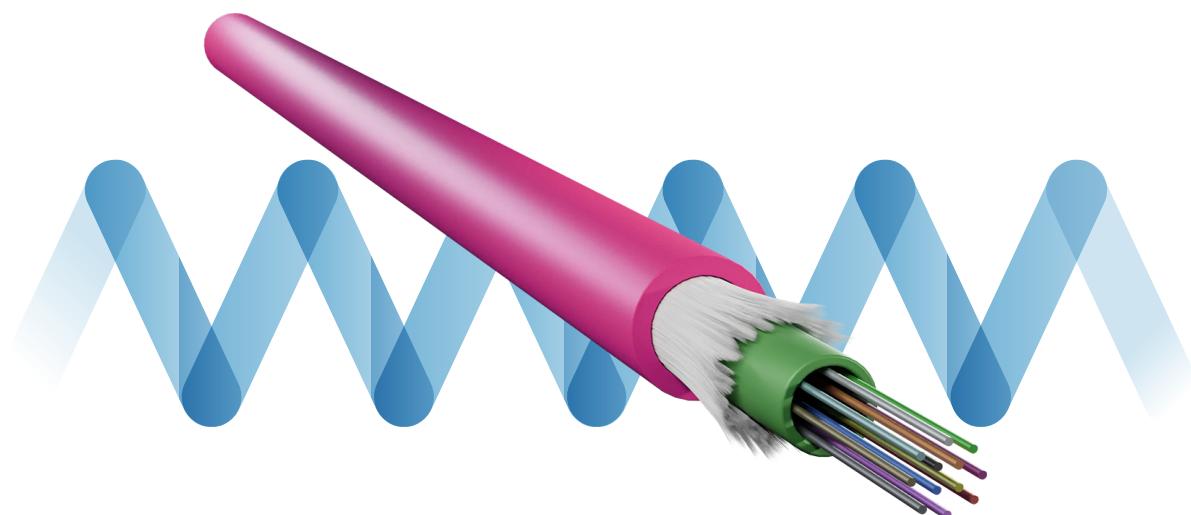
OM4

C_{ca}

**OM4 dielectric fiber optic cable, LSZH
C_{ca}**

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.

OPENETICS
/ ADALTRA

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) |
| Armor: | 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 |
|------------|------------|

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 |