FO Indoor cable 12E9/125µ OS2, LSOH

\*\*tde - Standard FO Cables

The standard fiber optic cable types of tde specifically for the assembling of patch and adapter cables, pigtails and trunk cables has been developed. Also the use in FTTD applications inside buildings is possible. The breakout cables have up to 24 individual elements with a 2mm diameter. The overall cable diameter is very slim.

These cables are characterized by very good termination properties. The cable jacket and the secondary coating are easy removable.

\*\*FO Cables

Application

• The intended application for this cable is as patch cords for data centres
• Suited for 12 fiber MPO/MTP® connectors
• Suited for single fiber connectors as tMD - tde Micro Distribution cable

\*\*TECHNISCHE\_DATEN

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| Standards | EN 50173-5 |
|   | IEC 60794-2-20 |
|   | ISO/IEC 24764 |
| Flame resistance | IEC 60332-1-2 |
|   | IEC 60332-2-2 |
|   | IEC 60754-1 |
|   | IEC 60754-2 |
|   | IEC 61034 |

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| Type | IVH12E09 |
| Loose tube | 12 coated fibers within PVC-core tube |
| Fiber type | SM-G652D, 9/125µ, Corning SMF-28e+, OS2 |
| Strength members | Aramid yarn |
| Outer jacket | LSZH (Halogen free, low smoke, flame retardant thermoplastic compound) |
| Jacket color | Yellow, RAL 1021 |
| Identification | "t d e – IVH12E09–MPO LSZH" and sequential meter marking + Lot number |

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| Outer diameter cable | 3.0 ± 0.1 mm |
| Diameter PVC-core tube | 1.8 ± 0.1 mm |
| Wall thickness PVC-core tube | 0.35 mm – 0.40 mm |
| Max. tensile load | 300 N |
| Min. bending radius | 30 mm |
| Temperature range (storage, installation, operation) | -20°C to +70°C |