## DESCRIPTION

The shielded Cat. 6A R&MthinLine Patch Cord is ideal for data center and where a high density of cables is required due to limited space. It allows almost for a doubling of the cable amount in a given cable management system.

030.6689

## TENDER

Cable, flexible, U/FTP, 4 x 2 x AWG 30/7, LSZH, color gray (RAL7035). Low-smoke in acc. with IEC 61034, flame-retardant in acc. with IEC 60332-1-2 and halogen-free in acc. with IEC 60754-1. Halogen-free and heavy-metal free in acc. with EU directives RoHS 2.

Mounted on both sides with RJ45 connector compliant with Cat. 6A component standard: IEC 60603-7-51 RJ45 category 6A (500 MHz), shielded. Strain-relief function in acc. with TIA/EIA 568.2-D.

For the setting up of transmission channels of Class EA with up to 4 plugged connections acc. to ISO/IEC 11801, EN 50173-1, (DIN EN 50173-1). Fulfills Category 6A performance requirements, EN 50173-1, as well as TIA/EIA 568.2-D, interoperable and backwards compatible with Category 6 and Category 5e. Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 500 MHz.

## TECHNICAL DATA

| DESCRIPTION | VALUE / VALUE RANGE |
|---|---|
| Cable type | Patch cord |
| Outer sheath material | LSZH |
| Wire type | stranded wire |
| Conductor Construction | AWG 30/7 |
| Number of wires | 8 |
| Category | Cat. 6A ISO |
| Stranding | 4 pairs |
| Shielding | U/FTP |
| Cable overall diameter | max. 4.7 mm |
| Category connector (A) | Cat. 6A ISO |
| Category connector (B) | Cat. 6A ISO |
| Connector type (A) | RJ45 |
| Shielding connector (A) | shielded |
| Shielding connector (B) | shielded |
| PoE Level | 4 |
| Connector class | connector |
| Wiring diagram | TIA-568A |
| Cable length | 2  m |
| Standard | Complies with Category 6A ISO requirements of the standard EN 50173-1 |

## MECHANICAL DATA

| DESCRIPTION | VALUE / VALUE RANGE |
| --- | --- |
| Color Code RAL | 7035 Light gray |
| Cable Length | 2.0 m / 6 ft 7 in |