030.6500

DESCRIPTION

The unshielded Cat. 6 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.

TENDER

Cable, flexible, U/UTP, 4 x 2 x AWG 28/7, 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. 6 ISO component standard: IEC 60603-7-4 RJ45 category 6 (250 MHz), unshielded. Strain-relief function in acc. with TIA/EIA 568.2-D.

For the setting up of transmission channels of Class E with up to 4 plugged connections acc. to ISO/IEC 11801, EN 50173-1, (DIN EN 50173-1). Complies with Category 6 ISO requirements, EN 50173-1, as well as TIA/EIA 568.2-D, interoperable and backwards compatible with Category 5e. Suitable for 10GBASE-T applications in acc. with IEEE 802.3™ Section Four up to 250 MHz.

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Cable type	Patch cord
Outer sheath material	LSZH
Wire type	stranded wire
Conductor Construction	AWG 28/7
Number of wires	8
Stranding	4 pairs
Shielding	U/UTP
Cable overall diameter	max. 4.00 mm
Category connector (A)	Cat. 6
Category connector (B)	Cat. 6
Connector type (A)	RJ45
Shielding connector (A)	unshielded
Shielding connector (B)	unshielded
PoE Level	4
Connector class	connector
Wiring diagram	TIA-568A
Cable length	3 m
Standard	Fulfills Cat. 6A ISO, Class EA (500 MHz) performance requirements

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Color Code RAL	7035 Light gray
Cable Length	3.0 m / 9 ft 10 in