

R&MthinLine Patch Cord, Cat. 6A, Shielded, Gray, LSZH, TIA 568A, Plug RJ45, s, Plug RJ45, s, 0.5m

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## 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.

## 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	0.5 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	0.5 m / 1 ft 8 in