R&MthinLine Patch Cord, Cat. 6A, Shielded, Gray, LSZH, TIA 568A, Plug RJ45, s, Plug RJ45, s, 2m

101336155



## 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<sup>™</sup> Section Four up to 500 MHz.

### **TECHNICAL DATA**

DESCRIPTIONVALUE / VALUE RANGECable typePatch cordOuter sheath materialLSZHWire typestranded wireConductor ConstructionAWG 30/7Number of wires8CategoryCat. 6A ISOStranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)shieldedShielding connector (B)shieldedConnector type (A)shieldedShielding connector (B)cat. 6A ISOConnector type (A)shieldedShielding connector (B)shieldedConnector type (A)shieldedShielding connector (B)shieldedViring diagramTIA-568AConnector classconnectorViring diagramZ mStandardComplies with Category 6A ISO requirements of the standard EN 50173-1		
Duter sheath materialLSZHWire typestranded wireConductor ConstructionAWG 30/7Number of wires8CategoryCat. 6A ISOStranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (B)shieldedShielding connector (B)shieldedConnector type (A)RJ45Shielding connector (B)shieldedShielding connector (B)<	DESCRIPTION	VALUE / VALUE RANGE
Wire typestranded wireConductor ConstructionAWG 30/7Number of wires8CategoryCat. 6A ISOStranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Cable type	Patch cord
Conductor ConstructionAWG 30/7Number of wires8CategoryCat. 6A ISOStranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (B)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Outer sheath material	LSZH
Number of wires8CategoryCat. 6A ISOStranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (B)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Wire type	stranded wire
CategoryCat. 6A ISOStranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (B)shieldedShielding connector (B)shieldedConnector type (A)TIA-568AConnector class2 mStandardComplies with Category 6A ISO requirements of the standard EN	Conductor Construction	AWG 30/7
Stranding4 pairsShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (A)shieldedShielding connector (B)shieldedConnector type (A)TIA-568ACategory connector (B)TiA-568AShielding connector (B)ShielderStandardComplies with Category 6A ISO requirements of the standard EN	Number of wires	8
ShieldingU/FTPCable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (A)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Category	Cat. 6A ISO
Cable overall diametermax. 4.7 mmCategory connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (A)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Stranding	4 pairs
Category connector (A)Cat. 6A ISOCategory connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (A)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Shielding	U/FTP
Category connector (B)Cat. 6A ISOConnector type (A)RJ45Shielding connector (A)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Cable overall diameter	max. 4.7 mm
Connector type (A)RJ45Shielding connector (A)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Category connector (A)	Cat. 6A ISO
Shielding connector (A)shieldedShielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Category connector (B)	Cat. 6A ISO
Shielding connector (B)shieldedPoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Connector type (A)	RJ45
PoE Level4Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Shielding connector (A)	shielded
Connector classconnectorWiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	Shielding connector (B)	shielded
Wiring diagramTIA-568ACable length2 mStandardComplies with Category 6A ISO requirements of the standard EN	PoE Level	4
Cable length 2 m   Standard Complies with Category 6A ISO requirements of the standard EN	Connector class	connector
Standard Complies with Category 6A ISO requirements of the standard EN	Wiring diagram	TIA-568A
	Cable length	2 m
	Standard	

# MECHANICAL DATA

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