

## Product information

Patch Cord Cat. 6A, U/UTP, 4P, LSZH, gray, RJ45/u-  
RJ45/u, 2.0 m

R509872  
101376235  
10 pcs



Cable identification: U/UTP  
Outer jacket: LSZH  
Conductor diameter copper strand: AWG 26/7  
Screened in pairs: no  
Overall screen: no (non continuous Alien X-Talk suppression tape)  
Outer diameter: 6.0 mm

090.6827 / similar product

### Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	Compliant with Cat. 6 <sub>A</sub> ISO, Class E <sub>A</sub> (500 MHz) requirements: ISO/IEC 11801 ed. 2.2 Complies with Category 6 <sub>A</sub> ISO requirements of the standard ISO/IEC 11801 ed. 2.2: June 2011 Complies with Category 6 <sub>A</sub> ISO requirements of the standard EN 50173-1: May 2011 Complies with Category 6 <sub>A</sub> ISO requirements of the standard TIA 568-C.2 Compliant with Cat.6A ISO component standards IEC 60603-7-41 Fulfilled the standard IEC 61935-2:2010
Protection class IP	IP 20
PoE	Yes
Connector class	connector
Shielding connector (A)	unshielded
Connector type (A)	RJ45
Category connector (A)	Cat. 6 <sub>A</sub> ISO
Shielding connector (B)	unshielded
Connector type (B)	RJ45
Category connector (B)	Cat. 6 <sub>A</sub> ISO
Cable type	patch cord
Category	Cat. 6 <sub>A</sub> ISO
Shielding	U/UTP
Jacket material	LSZH
Cable jacket characteristics	Cable, metal-free Zero-halogen
Cable overall diameter	6.0 mm
Conductor	AWG 26/7
Number of wires	8

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Stranding	4 x 2 pairs
Wire type	stranded wire


## Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable length	2 m
Color Code RAL	7035 Light gray

RJ45 connector compliant with Cat. 6<sub>A</sub> ISO component standard: IEC 60603-7-41 RJ45 category 6<sub>A</sub> ISO (500 MHz), unshielded. Strain-relief function in acc. with TIA 568-C.  
 For the setting up of transmission channels of Class E<sub>A</sub> with up to 4 plugged connections acc. to ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1, May 2011 (DIN EN 50173-1). Complies with Category 6<sub>A</sub> ISO requirements of the standards ISO/IEC 11801 ed. 2.2, June 2011, EN 50173-1 May 2011, as well as TIA 568-C.2, 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.

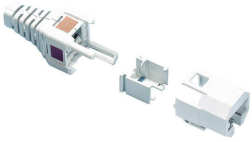


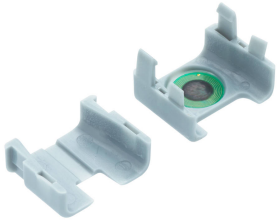
Optional:

Visual coding, mechanical coding and lock protection.

	Description	PU	Product No.
	Color Coding RJ45 Connector, anthracite	20 pcs	R302342
	Color Coding RJ45 Connector, blue	20 pcs	R302343
	Color Coding RJ45 Connector, brown	20 pcs	R302344
	Color Coding RJ45 Connector, yellow	20 pcs	R302345

	Description	PU	Product No.
	Color Coding RJ45 Connector, gray	20 pcs	R302347
	Color Coding RJ45 Connector, green	20 pcs	R302348
	Color Coding RJ45 Connector, red	20 pcs	R302349
	Color Coding RJ45 Connector, violet	20 pcs	R302420
	Easy Latch RJ45 Connector, anthracite	20 pcs	R317100
	Easy Latch RJ45 Connector, blue	20 pcs	R317094
	Easy Latch RJ45 Connector, brown	20 pcs	R317095

	Description	PU	Product No.
	Easy Latch RJ45 Connector, yellow	20 pcs	R317096
	Easy Latch RJ45 Connector, gray	20 pcs	R317097
	Easy Latch RJ45 Connector, green	20 pcs	R317098
	Easy Latch RJ45 Connector, red	20 pcs	R317099
	Easy Latch RJ45 Connector, violet	20 pcs	R317093
	Splash Sleeve IP54, transparent	10 pcs	R306064
	Coding "A" for RJ45 Connectors, anthracite	20 pcs	R25432

	Description	PU	Product No.
	Coding "B" for RJ45 Connectors, white	20 pcs	R25677
	Safe Clip	20 pcs	R304807
	Patch Guard RJ45	20 pcs	R313814
	R&MinteliPhy RFID clip pair RJ45 (10 pairs)	1 pcs	R809348