Data sheet R302310

Patch Cord Cat. 6, U/UTP, 4P, LSZH, gray, RJ45/u-RJ45/u, 1.0 m

101347405



030.6001

DESCRIPTION

Cable identification: U/UTP

Outer jacket: LSZH

Conductor diameter copper strand: AWG 24/7

Screened in pairs: no

Overall screen: no

Outer diameter: max. 6.0 mm

TENDER

Flexible cable, U/UTP, 4 x 2 x AWG 24/7, LSZH. Low-smoke in acc. with IEC 61034 and halogen-free in acc. with IEC 60754-1. Halogen-free and heavy-metal free in acc. with EU directives RoHS 2.
RJ45 connector compliant with Cat. 6 component standard. Key standard: IEC 60603-7 RJ45 category 6; IEC 60603-7-1 to 5. Strain-relief function in acc. with TIA TIA/EIA 568.2-D.
Complies with requirements of Cat. 6 for the establishing of transmission links of class E in acc. with ISO/IEC 11801 and EN 50173-1 (DIN EN 50173-1).
Optional:

Visual coding, mechanical coding and lock protection.

TECHNICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Wire type	stranded wire
Number of wires	8
Cable type	Patch cord
Category	Cat. 6
Jacket material	LSZH
Cable jacket characteristics	zero-halogen
	Cable, metal-free
Stranding	4 x 2 pairs
Wire diameter	AWG 24/7
Shielding	U/UTP
Cable overall diameter	6.0 mm
Category connector (A)	Cat. 6
Category connector (B)	Cat. 6
Connector type (A)	RJ45
Shielding connector (A)	unshielded
Shielding connector (B)	unshielded
PoE	Yes
Connector class	connector
Wiring diagram	TIA-568A
Standard	Compliant with Cat. 6 component standard IEC 60603-7-4

Fulfilled the standard IEC 61935-2

Compliant with Cat. 6 component standard IEC 60603-7-5

Compliant with Cat. 6 Class E (250 MHz) requirements: ISO/IEC 11801

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Color Code RAL	7035 Light gray

ACCESSORIES

Type	Picture	Description	Article	E-Number
Optional accessories		Color Coding RJ45 Connector, anthracite	R302342	977901105
Optional accessories		Color Coding RJ45 Connector, blue	R302343	977901125
Optional accessories		Color Coding RJ45 Connector, brown	R302344	977901185
Optional accessories		Color Coding RJ45 Connector, yellow	R302345	977901155
Optional accessories		Color Coding RJ45 Connector, gray	R302347	977901175
Optional accessories		Color Coding RJ45 Connector, green	R302348	977901145
Optional accessories		Color Coding RJ45 Connector, red	R302349	977901165
Optional accessories		Color Coding RJ45 Connector, violet	R302420	977901135
Optional accessories		Safe Clip	R304807	966920005
Optional accessories		Splash Sleeve IP54, transparent	R306064	966933205
Optional accessories		Patch Guard RJ45	R313814	977966065
Optional accessories		Easy Latch RJ45 Connector, violet	R317093	977901635
Optional accessories		Easy Latch RJ45 Connector, blue	R317094	977901615
Optional accessories		Easy Latch RJ45 Connector, brown	R317095	977901685

Type	Picture	Description	Article	E-Number
Optional accessories		Easy Latch RJ45 Connector, yellow	R317096	977901655
Optional accessories		Easy Latch RJ45 Connector, gray	R317097	977901675
Optional accessories		Easy Latch RJ45 Connector, green	R317098	977901645
Optional accessories		Easy Latch RJ45 Connector, red	R317099	977901665
Optional accessories		Easy Latch RJ45 Connector, anthracite	R317100	977901605
Optional accessories		R&MinteliPhy RFID clip pair RJ45 (10 pa	R809348	