



030.5999

DESCRIPTION

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

TENDER

Flexible cable, U/UTP with Alien X-talk suppression foil, 4 x 2 x AWG 26/7, LSZH, color gray. Low-smoke in acc. with IEC 61034, flame-retardant in acc. with IEC 60332-3C 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 ISO component standard: IEC 60603-7-41 RJ45 category 6A ISO (500 MHz), unshielded. 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). Complies with Category 6A ISO requirements of the standards ISO/IEC 11801, 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.

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. 6A ISO
Jacket material	LSZH
Cable jacket characteristics	zero-halogen Cable, metal-free
Stranding	4 x 2 pairs
Wire diameter	AWG 26/7
Shielding	U/UTP
Cable overall diameter	6.0 mm
Category connector (A)	Cat. 6A ISO
Category connector (B)	Cat. 6A ISO
Connector type (A)	RJ45
Shielding connector (A)	unshielded
Shielding connector (B)	unshielded
PoE	Yes
Connector class	connector
Wiring diagram	TIA-568A













Standard









Complies with Category 6A ISO requirements of the standard EN 50173-1
Compliant with Cat. 6A ISO, Class EA (500 MHz) requirements: ISO/IEC 11801
Complies with Category 6A ISO requirements of the standard TIA/EIA 568.2-D
Compliant with Cat.6A ISO component standards IEC 60603-7-41
Complies with Category 6A ISO requirements of the standard ISO/IEC 11801
Fulfilled the standard IEC 61935-2

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Color Code RAL	7035 Light gray
Cable Length	5.0 m / 16 ft

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

Type	Picture	Description	Article	E-Number
Optional accessories		Easy Latch RJ45 Connector, blue	R317094	977901615
Optional accessories		Easy Latch RJ45 Connector, brown	R317095	977901685
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	