

R&Mfreenet Patch Cord, Cat. 6 Freenet, Unshielded, Gray, LSZH, TIA 568A, Plug RJ45, u, Plug RJ45, u, 1m



030.6001. / similar product

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 Category 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 Category 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
Cable type	Patch cord
Outer sheath material	LSZH
Cable sheath characteristics	zero-halogen Cable, metal-free
Wire type	stranded wire
Number of wires	8
Category	Cat. 6
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
Protection class IP	IP 20
PoE	Yes
PowerSafe	Yes

Connector class	connector
Wiring diagram	TIA-568A

MECHANICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Color Code RAL	7035 Light gray
Cable Length	1.0 m / 3 ft 3 in


ELECTRICAL DATA

DESCRIPTION	VALUE / VALUE RANGE
Standard	Compliant with Cat. 6 Class E (250 MHz) requirements: ISO/IEC 11801 Compliant with Cat. 6 component standard IEC 60603-7-4 Compliant with Cat. 6 component standard IEC 60603-7-5 Fulfilled the standard IEC 61935-2

ACCESSORIES

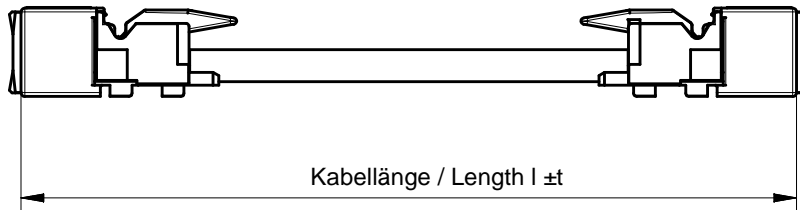
Type	Picture	Description	Article	E-Number
Accessories		Clip Security Level 1 RJ45 Plug IP20 anth	R302342	
Accessories		Clip Security Level 1 RJ45 Plug IP20 blue	R302343	
Accessories		Clip Security Level 1 RJ45 Plug IP20 brow	R302344	
Accessories		Clip Security Level 1 RJ45 Plug IP20 yell	R302345	
Accessories		Clip Security Level 1 RJ45 Plug IP20 gray	R302347	
Accessories		Clip Security Level 1 RJ45 Plug IP20 gre	R302348	
Accessories		Clip Security Level 1 RJ45 Plug IP20 red	R302349	
Accessories		Clip Security Level 1 RJ45 Plug IP20 viol	R302420	
Accessories		Safe Clip Security Level 3 RJ45 Plug IP2	R304807	
Accessories		Splash Sleeve Security Level 1 universal	R306064	
Accessories		Patch Guard Security Level 3 RJ45 Plug	R313814	

Type	Picture	Description	Article	E-Number
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317093		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317094		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317095		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317096		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317097		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317098		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317099		
Accessories		Easy Latch Security Level 1 RJ45 Plug IP R317100		
Accessories		inteliPhy Monitor RFID clip pair RJ45 (10 R809348		
Accessories		inteliPhy Monitor RFID clip pair LC-Duple R809349		
Accessories		inteliPhy Monitor RFID clip pair E-2000™ R809350		
Accessories		inteliPhy Monitor RFID clip pair SC (10 pa R809351		
Accessories		inteliPhy Monitor RFID clip pair MPO (10 R809352		
Accessories		inteliPhy Monitor RFID clip Pair LC-QR U R882048		
Accessories		inteliPhy Monitor RFID clip Pair MPO-QR R882049		

	Patchcable-s/u-Customer Drawing			Item Number:
	Patchkabel-s/u-Kundenzeichnung			2000064
Document status:	EngReleased	Prep: Tba	Date: 23.01.2014	Revision: A
Department:	000	Appr: Sb	Date: 29.01.2014	Page: 1/1
Document type:	_-07 Customer Drawing-Datasheet			

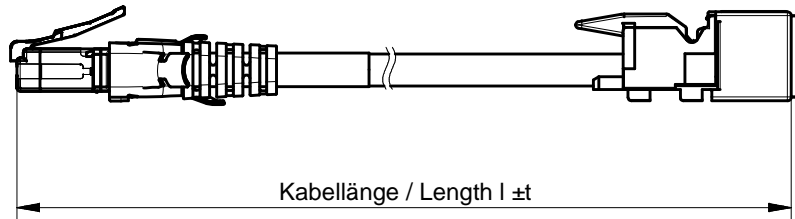
Eng. Assembly 501398

**Buchse / Buchse
Module / Module**



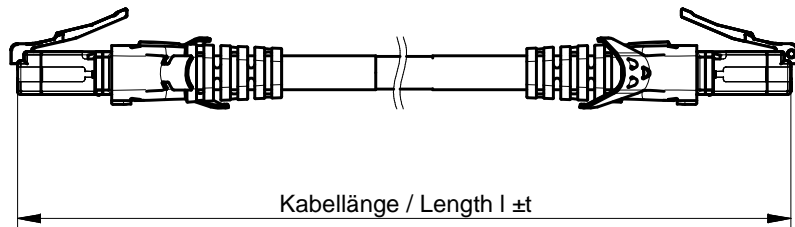
Single Kabel Single cable	
Länge length	Toleranz tolerance
20m	±100mm
15m	±100mm
12.5m	±100mm
10m	±100mm
7.5m	±50mm
5m	±50mm
3m	±50mm
2m	±40mm
1.5m	±40mm
1m	±35mm
0.5m	±35mm

**Stecker / Buchse
Plug / Module**



Single Kabel Single cable	
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20m	±100mm
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10m	±100mm
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5m	±50mm
3m	±50mm
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1m	±35mm
0.5m	±35mm

**Stecker / Stecker
Plug / Plug**



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0.5m	±35mm