

## Data sheet



### Description

The slim RJ45 Cat.6A U/UTP patch cable combines high transmission performance with a space-saving cable design. The reduced diameter supports clean cable routing in densely populated network cabinets. In addition, the single-sided angled connectors enable space-saving installation in network cabinets and behind devices. The halogen-free LSZH jacket is flame-retardant and low-smoke, contributing to increased safety in indoor environments. The pure copper inner conductor ensures stable signal transmission up to 500 MHz. - Space-saving slim design (3,8 mm) for structured cabling - Optimised cable routing even with limited installation space - Supports high-performance Cat.6A networks Standards & approvals - IEC 61034: Low smoke - IEC 60754-2: Halogen-free The products are labelled with a paper label only; plastic bags and plastic cable ties are deliberately avoided.

### Connections

Connection 1	RJ45 Male (8P8C)
Orientation 1	180°
Case 1	molded incl. latch protection
Case color 1	black
Connection 2	RJ45 Male (8P8C)
Orientation 2	90°
Case 2	Plastic overmolded
Case color 2	black
Contact material	50µ gold plated
Mating cycles	Min. 750 mating cycles



## Cable

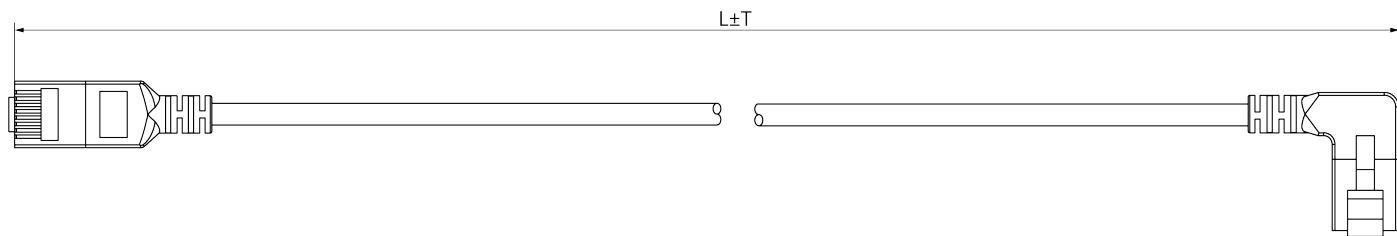
Typ	Round Cable
Design	Slim
Category	Cat.6A
Construction	4x2x
Shielding	U/UTP
Assignment	1 - 1
Inner conductor material	Copper
AWG	28/7
Outer jacket material	LSOH
Outer diameter	3.8±0.2mm
Color outer jacket	black

## Signal transmission

Standard	Cat.6A
Bandwidth	500 MHz

## Standards

Approval	-
Compliance	RoHS Reach CE
Halogen-free	IEC 60332-1; IEC 60754-2; IEC 61034
Temperature range	-10°C ~ +60°C



Item No.	Length	Tolerance	EAN
1810HF-L-0,15M	0.15 m	+20/-20 mm	4260424515924
1810HF-L-0,25M	0.25 m	+20/-20 mm	4260424515955
1810HF-L-0,5M	0.5 m	+20/-20 mm	4260424515962
1810HF-L-1,0M	1.0 m	+20/-20 mm	4260424516051
1810HF-L-1,5M	1.5 m	+20/-20 mm	4260424516198
1810HF-L-2,0M	2.0 m	+20/-20 mm	4260424516716
1810HF-L-3,0M	3.0 m	+30/-30 mm	4260424516747
1810HF-L-5,0M	5.0 m	+50/-50 mm	4260424516815



Item No.	Length	Tolerance	EAN
1810HF-L-7,5M	7.5 m	+70/-70 mm	4260424517225
1810HF-L-10,0M	10.0 m	+100/-100 mm	4260424517232

