

Data sheet



Features

- Abrasion and notch resistant thanks to durable PUR jacket
- Suitable for continuous motion in drag chains and power supply systems
- Ideal for harsh industrial environments and mobile applications
- Stable shielding against electromagnetic interference



Description

This drag chain- and torsioncompatible Cat. 6A patch cable is designed for applications in industrial environments subject to frequent movement and high stress. Robust workmanship and a multi-layer cable construction ensure high resistance and excellent, stable data transmission.

Connections

Connection 1	RJ45 Male (8P8C)
Orientation 1	180°
Shielding 1	shielded
Case 1	molded incl. latch protection
Case color 1	black
Connection 2	RJ45 Male (8P8C)
Orientation 2	180°
Shielding 2	shielded
Case 2	molded incl. latch protection
Case color 2	black
Contact material	50μ gold plated



Cable

Typ	Round Cable
Category	Cat.6A
Construction	4x2x
Shielding	S/FTP
Assignment	1 - 1
Inner conductor material	Copper
AWG	26/19
Outer jacket material	PUR
Outer diameter	6.7±0.3 mm
Color outer jacket	green
Further information	Trailing chain test ≥ 5 million times / Torsion test ≥ 3 million times

Signal transmission

Standard	Cat.6A
Bandwidth	500 MHz

Standards

Approval	UL
Compliance	RoHS Reach CE
Halogen-free	IEC 60754-1
UL-listed	E542184
Oil resistance	UL 758 section15; JIS C 3005 type B
UV resistance	UL1581 section1200
Flammability	FT2 / IEC 60332-1-2
Temperature range	Fixed: -40°C to 80°C / Moving: -20°C to 60°C

Item No.	Length	Tolerance	EAN
1842-SKT-1,0M	1.0 m	+30/-30 mm	4260424514293
1842-SKT-2,0M	2.0 m	+30/-30 mm	4260424514309
1842-SKT-3,0M	3.0 m	+40/-40 mm	4260424514316
1842-SKT-5,0M	5.0 m	+50/-50 mm	4260424514323
1842-SKT-7,5M	7.5 m	+70/-70 mm	4260424514330
1842-SKT-10,0M	10.0 m	+100/-100 mm	4260424514347
1842-SKT-15,0M	15.0 m	+150/-150 mm	4260424514361
1842-SKT-20,0M	20.0 m	+150/-150 mm	4260424514385
1842-SKT-25,0M	25.0 m	+200/-200 mm	4260424514392
1842-SKT-30,0M	30.0 m	+200/-200 mm	4260424514408
1842-SKT-40,0M	40.0 m	+200/-200 mm	4260424514422
1842-SKT-50,0M	50.0 m	+200/-200 mm	4260424514439

