

RJ45 male 0° / RJ45 male 0° Gigabit

TPE 4x2x26AWG SF/UTP CAT6a bu UL/CSA, CMR 10m

Ethernet CAT6A

Male straight – male straight

RJ45 – RJ45, 8-pole

without cable sleeves

shielded

Protection cap

Further cable lengths on request.

Plastic housings with good resistance against chemicals and oils.

The resistance to aggressive media should be individually tested for your application. Further details on request.

[Link to Product](#)**Illustration**

Product may differ from Image

Approvals

* only for products with UL/CSA approved cable

More Info

EtherNet/IP

Form

Form 74315

General data

Mounting method	inserted, tightened
Pollution Degree	3
Temperature range	-25...+85 °C, depending on cable quality

Cables

Cable number	S4X
No./diameter of wires	4 × 2 × 0.14 mm ²
Wire isolation	HDPE (whbl, bl, whor, or, whgn, gn, whbr, br)
C-track properties	1 Mio.
Jacket Color	blue
Material (jacket)	TPE (UL/CSA)
Outer Ø	7.4 mm ±5%
Bend radius (moving)	10× outer Ø
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Cable identification	S4X

Approval (cable)	UL (AWM-Style 2463/11547), CSA
Cable weight [g/m]	65,48
Material (wire)	Cu wire, tin plated
Resistor (core)	max. 140 Ohm/km
Single wire Ø (core)	0.16 mm
Construction (core)	7 × 0.16 mm
Diameter (core)	4 × 2 × 0.14 mm ²
Material (wire isolation)	HDPE
Wire-Ø incl. isolation	0.9 mm ±5%
Color/numbering of wires	(wh-bl, bl) + (wh-or, or) + (wh-gn, gn) + (wh-br, br)
Shield	yes
	min. 75%
Material (jacket)	TPE
Outer-Ø (jacket)	7.4 mm ±5%
thermal resistance	flame retardant
Nominal voltage	600 V
Test voltage	max. 1.5 kV AC (2s)
Temperature range (fixed)	-40...+80 °C
Temperature range (mobile)	-20...+80 °C
Bend radius (fixed)	5 × outer Ø
Bend radius (moving)	10 × outer Ø
No. of bending cycles (C-track)	max. 10 Mio. (25 °C)
Traversing distance (C-track)	max. 0.6 m
Travel speed (C-track)	max. 1.2 m/s
Acceleration (C-track)	max. 2.4 m/s ²
No. of torsion cycles	max. 3 Mio. (25 °C)
Torsion speed	60 cycles/min
	max. 1000 mOhm/m @ 100 MHz
	max. 280 Ohm/km
	100 Ohm @ 100 MHz

Technical Data

Operating voltage	max. 60 V DC
Operating voltage (only UL listed)	30V DC
Rated surge voltage	1.0 kV
Operating current per contact	max. 1.76 A
Material group	IEC 60664-1, category I
No. of poles	8
Configuration	fully used
Transfer parameters	CAT6, Class EA (ISO/IEC 11801:2002), (EN 50173-1)
Transfer rate	10 Gbit/s
LED display	no
Locking of ports	Snap-in connector
Protection	IP20 inserted and tightened (EN 60529)
Locking material	PA
Material	PUR
suitable for corrugated tube (internal Ø)	without

Commercial data

country of origin	HU
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customs tariff number	85444210
EAN	4048879688079
eClass	27061801
Packaging unit	1