

## VS-RJ45R-RJ45R-94P-1,0

Order No.: 1418099

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Patch cable, CAT5e, 4-pair, shielded, line, assembled at both ends  
with angled RJ45/IP20 heads, length: 1 m

### Commercial data

GTIN (EAN)	4046356534338
sales group	D514
Pack	1 pcs.
Customs tariff	85444210
Weight/Piece	0.0716 KG
Catalog page information	Page 135 (NTK-2010)

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### Technical data

#### Mechanical characteristics

Number of positions	8
Type of cable	Round cable
Cable structure	4x2xAWG26/7; S-UTP
Smallest bending radius, fixed installation	50 mm
Smallest bending radius, movable installation	62 mm
Length of cable	1 m
Ambient temperature (operation)	-10 °C ... 50 °C (Flexibly installed) -25 °C ... 60 °C (fixed routing)

#### Material data

Outer sheath, material	PUR
External sheath, color	water blue RAL 5021
Degree of protection	IP20

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**Electrical characteristics**

Number of positions	8
Transmission characteristics (category)	CAT5 (IEC 11801:2002), CAT5e (TIA 568B:2001)

**Line characteristics**

Cable type	Ethernet
Cable structure	4x2xAWG26/7; S-FTP
Conductor cross section	0.14 mm <sup>2</sup>
AWG signal line	26
Conductor structure signal line	7x 0.16 mm
Core diameter including insulation	1 mm
External cable diameter	6.40 mm
	6.4 mm
Wire colors	White-blue, white-orange, white-green, white-brown
External sheath, color	water blue RAL 5021
Insulation resistance	≥ 5 GΩ*km
Conductor resistance	≤ 150 mΩ/m
Transmission characteristics (category)	CAT6 <sub>A</sub>
Working capacitance	42 pF
Wave impedance	100 Ω ±5% (At 100 MHz)
Signal speed	0.72 c
Signal runtime	46 ns/m
Shield attenuation	60 dB (Up to 1000 MHz)
Interference suppression	90 dB (Up to 1000 MHz)
Nominal voltage, conductor	125 V
Test voltage, conductor	1000 V
Twisted pairs	2 cores to the pair
Type of pair shielding	Aluminum-lined polyester foil
Overall twist	2 cores with 2 fillers to the core
Shielding	Tinned copper braided shield
Optical shield covering	65 %
Outer sheath, material	PUR
Material conductor insulation	Cell PE
Conductor material	Bare Cu litz wires
Cable weight	44 kg/km
Smallest bending radius, fixed installation	min. 32 mm

Smallest bending radius, movable installation	min. 32 mm
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**Address**

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