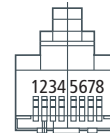


RJ 45, 8-pin

- 1 | white/orange
- 2 | orange
- 3 | white/green
- 4 | blue
- 5 | white/blue
- 6 | green
- 7 | white/brown
- 8 | brown
- Shield



RJ 45, 8-pin

- 1 | white/orange
- 2 | orange
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- Shield

### Industrial Ethernet/EtherCAT patch cable

Electrical data	ZK1090-9191-0xxx
Insulation resistance	min. 5000 MΩ/km bei 20 °C
DC resistance	max. 14 Ω/100 m at 20 °C
Nominal impedance	1...100 MHz, (100 ±15) Ω
Shielding	aluminium-clad foil, braiding of tinned copper wires
Unbalanced resistance	max. 5 % Ω at 20 °C
Mutual capacitance	nom. 5.1 nF/100 m at 1 kHz
Unbalanced capacitance	max. 160 pF/100 m at 1 kHz
Electrical parameters	CAT 5e; EN 50288-2-2; EN 50173-1, EIA/TIA 568-B.2

Mechanical data	
Ambient temperature	-30 °C...+80 °C (according to IEC 60644-1)
Insertion cycles	min. 750
Contamination level	3/2 (according to IEC 60664-1)

Mechanical properties cable	
Temperature range (cable)	-40 °C...+80 °C
Cable outside diameter	5.90 ±0.20 mm
Bending radius	> 5 x diameter
Approbations	UL94-V2
Material properties	RoHS-compliant, halogen-free, flame-resistant as per IEC 60332-1-2
Wire pair 1	7 x 0.16 (AWG26/7)

Materials	
Contact material	CuZn
Contact surface	Ni, Au gal.
Contact carrier/body	PC UL94
Cable	PUR, 8-wire, green, SF/UTP

Ordering information	Cable length
ZK1090-9191-0001	Industrial Ethernet/EtherCAT patch cable, 0.17 m
ZK1090-9191-0002	Industrial Ethernet/EtherCAT patch cable, 0.26 m
ZK1090-9191-0005	Industrial Ethernet/EtherCAT patch cable, 0.5 m
ZK1090-9191-0010	Industrial Ethernet/EtherCAT patch cable, 1.0 m
ZK1090-9191-0020	Industrial Ethernet/EtherCAT patch cable, 2.0 m
ZK1090-9191-0030	Industrial Ethernet/EtherCAT patch cable, 3.0 m
ZK1090-9191-0040	Industrial Ethernet/EtherCAT patch cable, 4.0 m
ZK1090-9191-0050	Industrial Ethernet/EtherCAT patch cable, 5.0 m
ZK1090-9191-0055	Industrial Ethernet/EtherCAT patch cable, 5.50 m
ZK1090-9191-0100	Industrial Ethernet/EtherCAT patch cable, 10.0 m
ZK1090-9191-0150	Industrial Ethernet/EtherCAT patch cable, 15.00 m
ZK1090-9191-0200	Industrial Ethernet/EtherCAT patch cable, 20.00 m
ZK1090-9191-0250	Industrial Ethernet/EtherCAT patch cable, 25.00 m
ZK1090-9191-0300	Industrial Ethernet/EtherCAT patch cable, 30.00 m
ZK1090-9191-0350	Industrial Ethernet/EtherCAT patch cable, 35.00 m
ZK1090-9191-0400	Industrial Ethernet/EtherCAT patch cable, 40.00 m