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Network cable - VS-IP20-IP20/LG-94B-LI/10 - 1423107

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Assembled Ethernet cable, shielded, 4-pair, 26 AWG stranded (7-wire), RAL 5021 (water blue), RJ45 plug/IP20 to RJ45 plug/IP20 turned, line, length: 10 m

Why buy this product

☑ Can be used for RCM type B+ residual current monitoring devices



Ethernet

Key Commercial Data

Packing unit	1 STK
GTIN	4 046356 566407
GTIN	4046356566407

Technical data

Dimensions

Length of cable	10 m
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Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C 70 °C (cable, fixed installation)

General data

Number of positions	8
Signal type/category	Ethernet CAT5 (IEC 11801:2002)
Alternative short product description	Ethernet cable

Characteristics head 1

Head type	Plug straight RJ45 / IP20
No. of positions (pin connector pattern)	8

Characteristics head 2

Head type	Plug straight RJ45 / IP20



Network cable - VS-IP20-IP20/LG-94B-LI/10 - 1423107

Technical data

Characteristics head 2

No. of positions (pin connector pattern)	8

Cable

Cable type (abbreviation) 94B UL AWM style 20983 (80°C/30 V) Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps Cable structure 4x2x AVC287; SF/UTP Conductor cross section 4x 2x 0.14 mm² AWG signal line 26 Conductor structure signal line 7x 0.16 mm Core diameter including insulation 95 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown Twisted pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 8 x D Tensile strength short-term/long-term < 100 N Cable weight 47 kg/km Outer sheath, material Bare Cu litz wires Insulation resistance 2 500 MC*km Loop resistance 2 900 (per km)	Cable type	Ethernet, flexible, CAT5
UL AWN syle 20963 (80°C/30 V) Signal type/category Ethernet CAT5 (EC 11801), 1 Gbps Cable structure 4x2AWG2677; SF/UTP Conductor cross section 4x 2x 0.14 mm² AWG signal line 26 Conductor structure signal line 7x 0.16 mm Core diameter including insulation 0.96 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown Vivised pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % Stetmal sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, fixed installation 4 x D Minimum bending radius, fixed installation 4 x D Coble weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires		
Signal type/category Ethernet CAT5 (IEC 11801), 1 Gbps Cable structure 4x2xAWC2677; SF/UTP Conductor cross section 4x 2x 0.14 mm² AWC signal line 26 Conductor structure signal line 7x 0.16 mm Core diameter including insulation 0.96 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown Twisted pairs 2 cores to the pair Overall Wist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 4 x D Minimum bending radius, fixe di installation 4 x D Minimum bending radius, fixex di installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor mesistance ≥ 500 MC²km Loop resistance ≥ 200 Q (per km)		
Cable structure 4x2xAWG26/7; SF/UTP Conductor cross section 4x 2x 0.14 mm² AWG signal line 26 Conductor structure signal line 7x 0.16 mm Core diameter including insulation 0.96 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown brown Twisted pairs 2 cores to the pair Overall Wist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1,05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixek installation 4 x D Minimum bending radius, fixek installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 4 x lg Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MCPkm Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω m Q/m (At 10 MHz)<		
Conductor cross section 4x 2x 0.14 mm² AWG signal line 26 Conductor structure signal line 7x 0.16 mm Core diameter including insulation 0.96 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/frown-brown Twisted pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, fixed installation 8 x D Tensile strength short-term/long-term < 100 N		
AWG signal line 26 Conductor structure signal line 7 x 0.16 mm Core diameter including insulation 0.96 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown Twisted pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≤ 500 MC*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 5.3 ns/m Coupling resistance < 100.00 mΩ/m (At 10 MHz)		
Conductor structure signal line 7x 0.16 mm Core diameter including insulation 0.96 mm Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown Twisted pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, fixed installation 8 x D Tensile strength short-term/long-term < 100 N		
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Wire colors white/blue-blue, white/orange-orange, white/green-green, white/brown-brown Twisted pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, finned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ± 0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, fixed installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≤ 500 MΩ*km Loop resistance ≤ 290 (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100.00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V <t< td=""><td>Conductor structure signal line</td><td>7x 0.16 mm</td></t<>	Conductor structure signal line	7x 0.16 mm
Write Edu pairs 2 cores to the pair Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, flexible installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100 V Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield <	Core diameter including insulation	0.96 mm
Overall twist 4 pairs for core Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, fixex ble installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≥ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ±5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100 V Nominal voltage, cable < 100 V	Wire colors	
Shielding Aluminum-coated foil, tinned copper braided shield Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D $6.4 \text{ mm} \pm 0.2 \text{ mm}$ Minimum bending radius, fixed installation $4 \times D$ Minimum bending radius, fixexible installation $8 \times D$ Tensile strength short-term/long-term $< 100 \text{ N}$ Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance $< 500 \text{ M}\Omega^*\text{km}$ Loop resistance $< 290 \Omega$ (per km) Cable capacity 48 hF/km (at 1 kHz) Wave impedance $100 \Omega \pm 5 \Omega$ (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance $< 1000 \text{ Vm}$ (At 10 MHz) Nominal voltage, cable $< 1000 \text{ Vm}$ Test voltage Core/Core $< 1000 \text{ Vm}$ (50 Hz, 1 min.) Test voltage Core/Shield $< 700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $< 1000 \text{ Vm}$ (50 Hz, 1 min.) </td <td>Twisted pairs</td> <td>2 cores to the pair</td>	Twisted pairs	2 cores to the pair
Optical shield covering 70 % External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, flexible installation 8 x D Tensile strength short-term/long-term < 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance > 500 MΩ*km Loop resistance < 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance < 1000 v mΩ/m (At 10 MHz) Nominal voltage, cable < 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance According to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil <td>Overall twist</td> <td>4 pairs for core</td>	Overall twist	4 pairs for core
External sheath, color water blue RAL 5021 Outer sheath thickness 1.05 mm External cable diameter D 6.4 mm ±0.2 mm Minimum bending radius, fixed installation 4 x D Minimum bending radius, flexible installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≤ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100 .00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil	Shielding	Aluminum-coated foil, tinned copper braided shield
Outer sheath thickness 1.05 mm External cable diameter D $6.4 \text{ mm} \pm 0.2 \text{ mm}$ Minimum bending radius, fixed installation $4 \times D$ Minimum bending radius, flexible installation $8 \times D$ Tensile strength short-term/long-term $\leq 100 \text{ N}$ Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance $\geq 500 \text{ MΩ}^*\text{km}$ Loop resistance $\leq 290 \Omega \text{ (per km)}$ Cable capacity $48 \text{ nF/km} \text{ (at 1 kHz)}$ Wave impedance $100 \Omega \pm 5 \Omega \text{ (at 100 MHz)}$ Signal runtime 5.3 ns/m Coupling resistance $\leq 100.00 \text{ mΩ/m} \text{ (At 10 MHz)}$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700 \text{ V (50 Hz, 1 min.)}$ Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Optical shield covering	70 %
External cable diameter D $6.4 \text{mm} \pm 0.2 \text{mm}$ Minimum bending radius, fixed installation $4 \times D$ Minimum bending radius, flexible installation $8 \times D$ Tensile strength short-term/long-term $\leq 100 \text{N}$ Cable weight 47kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance $\geq 500 \text{M}\Omega^*\text{km}$ Loop resistance $\leq 290 \Omega (\text{per km})$ Cable capacity $48 \text{nF/km} (\text{at 1 kHz})$ Wave impedance $100 \Omega \pm 5 \Omega (\text{at } 100 \text{MHz})$ Signal runtime 5.3ns/m Coupling resistance $\leq 100.00 \text{m}\Omega/\text{m} (\text{At } 10 \text{MHz})$ Nominal voltage, cable $\leq 100.00 \text{m}\Omega/\text{m} (\text{At } 10 \text{MHz})$ Test voltage Core/Core $700 \text{V} (50 \text{Hz}, 1 \text{min.})$ Test voltage Core/Shield $700 \text{V} (50 \text{Hz}, 1 \text{min.})$ Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	External sheath, color	water blue RAL 5021
Minimum bending radius, fixed installation $4 \times D$ Minimum bending radius, flexible installation $8 \times D$ Tensile strength short-term/long-term $\leq 100 \text{ N}$ Cable weight 47 kg/km Outer sheath, materialPURMaterial conductor insulationFoamed PEConductor materialBare Cu litz wiresInsulation resistance $\geq 500 \text{ M}\Omega^*\text{km}$ Loop resistance $\leq 290 \Omega \text{ (per km)}$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Wave impedance $100 \Omega \pm 5 \Omega \text{ (at 100 MHz)}$ Signal runtime 5.3 ns/m Coupling resistance $\leq 100.00 \text{ m}\Omega/\text{m} \text{ (At 10 MHz)}$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700 \text{ V (50 Hz, 1 min.)}$ Flame resistanceaccording to IEC 60332-1-2Halogen-freeAccording to IEC 60754-1Resistance to oilaccording to EN 60811-2-1	Outer sheath thickness	1.05 mm
Minimum bending radius, flexible installation 8 x D Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100.00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	External cable diameter D	6.4 mm ±0.2 mm
Tensile strength short-term/long-term ≤ 100 N Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foarmed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100.00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Minimum bending radius, fixed installation	4 x D
Cable weight 47 kg/km Outer sheath, material PUR Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ± 5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100.00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Minimum bending radius, flexible installation	8 x D
Outer sheath, materialPURMaterial conductor insulationFoamed PEConductor materialBare Cu litz wiresInsulation resistance $\geq 500 \text{M}\Omega^*\text{km}$ Loop resistance $\leq 290 \Omega$ (per km)Cable capacity48 nF/km (at 1 kHz)Wave impedance $100 \Omega \pm 5 \Omega$ (at 100MHz)Signal runtime 5.3ns/m Coupling resistance $\leq 100.00 \text{m}\Omega/\text{m}$ (At 10MHz)Nominal voltage, cable $\leq 100 \text{V}$ Test voltage Core/Core 700V (50 Hz, 1 min.)Test voltage Core/Shield 700V (50 Hz, 1 min.)Flame resistanceaccording to IEC 60332-1-2Halogen-freeAccording to IEC 60754-1Resistance to oilaccording to EN 60811-2-1	Tensile strength short-term/long-term	≤ 100 N
Material conductor insulation Foamed PE Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance 100 Ω ±5 Ω (at 100 MHz) Signal runtime 5.3 ns/m Coupling resistance ≤ 100.00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Cable weight	47 kg/km
Conductor material Bare Cu litz wires Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance $100 Ω ± 5 Ω (at 100 MHz)$ Signal runtime 5.3 ns/m Coupling resistance ≤ $100.00 mΩ/m (At 10 MHz)$ Nominal voltage, cable ≤ $100 V$ Test voltage Core/Core $700 V (50 Hz, 1 min.)$ Test voltage Core/Shield $700 V (50 Hz, 1 min.)$ Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Outer sheath, material	PUR
Insulation resistance ≥ 500 MΩ*km Loop resistance ≤ 290 Ω (per km) Cable capacity 48 nF/km (at 1 kHz) Wave impedance $100 Ω ±5 Ω (at 100 MHz)$ Signal runtime 5.3 ns/m Coupling resistance ≤ $100.00 \text{ mΩ/m} (At 10 MHz)$ Nominal voltage, cable ≤ $100 V$ Test voltage Core/Core $700 V (50 Hz, 1 \text{ min.})$ Test voltage Core/Shield $700 V (50 Hz, 1 \text{ min.})$ Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Material conductor insulation	Foamed PE
Loop resistance≤ 290 Ω (per km)Cable capacity48 nF/km (at 1 kHz)Wave impedance $100 Ω ± 5 Ω$ (at 100 MHz)Signal runtime 5.3 ns/m Coupling resistance≤ 100.00 mΩ/m (At 10 MHz)Nominal voltage, cable≤ $100 V$ Test voltage Core/Core $700 V (50 \text{ Hz}, 1 \text{ min.})$ Test voltage Core/Shield $700 V (50 \text{ Hz}, 1 \text{ min.})$ Flame resistanceaccording to IEC 60332-1-2Halogen-freeAccording to IEC 60754-1Resistance to oilaccording to EN 60811-2-1	Conductor material	Bare Cu litz wires
Cable capacity48 nF/km (at 1 kHz)Wave impedance $100 Ω ± 5 Ω (at 100 MHz)$ Signal runtime 5.3 ns/m Coupling resistance $≤ 100.00 \text{ m}Ω/\text{m} (At 10 \text{ MHz})$ Nominal voltage, cable $≤ 100 V$ Test voltage Core/Core $700 V (50 Hz, 1 \text{ min.})$ Test voltage Core/Shield $700 V (50 Hz, 1 \text{ min.})$ Flame resistanceaccording to IEC 60332-1-2Halogen-freeAccording to IEC 60754-1Resistance to oilaccording to EN 60811-2-1	Insulation resistance	$\geq 500~\text{M}\Omega^*\text{km}$
Wave impedance $100 Ω ±5 Ω (at 100 MHz)$ Signal runtime 5.3 ns/m Coupling resistance $≤ 100.00 \text{ m}Ω/\text{m} (At 10 \text{ MHz})$ Nominal voltage, cable $≤ 100 \text{ V}$ Test voltage Core/Core $700 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Test voltage Core/Shield $700 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Flame resistanceaccording to IEC 60332-1-2Halogen-freeAccording to IEC 60754-1Resistance to oilaccording to EN 60811-2-1	Loop resistance	\leq 290 Ω (per km)
Signal runtime 5.3 ns/m Coupling resistance≤ 100.00 mΩ/m (At 10 MHz)Nominal voltage, cable≤ 100 VTest voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700 \text{ V (50 Hz, 1 min.)}$ Flame resistanceaccording to IEC 60332-1-2Halogen-freeAccording to IEC 60754-1Resistance to oilaccording to EN 60811-2-1	Cable capacity	48 nF/km (at 1 kHz)
Coupling resistance ≤ 100.00 mΩ/m (At 10 MHz) Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Wave impedance	100 Ω ±5 Ω (at 100 MHz)
Nominal voltage, cable ≤ 100 V Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Signal runtime	5.3 ns/m
Test voltage Core/Core 700 V (50 Hz, 1 min.) Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Coupling resistance	\leq 100.00 m Ω /m (At 10 MHz)
Test voltage Core/Shield 700 V (50 Hz, 1 min.) Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Nominal voltage, cable	
Flame resistance according to IEC 60332-1-2 Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Test voltage Core/Core	700 V (50 Hz, 1 min.)
Halogen-free According to IEC 60754-1 Resistance to oil according to EN 60811-2-1	Test voltage Core/Shield	700 V (50 Hz, 1 min.)
Resistance to oil according to EN 60811-2-1	Flame resistance	according to IEC 60332-1-2
Ÿ.	Halogen-free	According to IEC 60754-1
Ambient temperature (operation) -40 °C 80 °C (cable, fixed installation)	Resistance to oil	according to EN 60811-2-1
	Ambient temperature (operation)	-40 °C 80 °C (cable, fixed installation)



Network cable - VS-IP20-IP20/LG-94B-LI/10 - 1423107

Technical data

Cable

	-20 °C 80 °C (cable, flexible installation)
Ambient temperature (installation)	-20 °C 80 °C
Ambient temperature (storage/transport)	-20 °C 80 °C

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Cable cross section



Ethernet, flexible, CAT5 [94B]

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC

EAC

B.00767



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