

1418004

https://www.phoenixcontact.com/us/products/1418004

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Network cable, cable length: 1 m, number of positions: 8, 1 Gbps, CAT5, cable outlet: straight, Ethernet

## Your advantages

- · Perfect for industrial applications
- · Perfect for office, building, and protected industrial applications (e.g., in control cabinets)
- · Compact angle

### Commercial data

Item number	1418004
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	AB18
Product key	ABNPAA
GTIN	4055626130613
Weight per piece (including packing)	85.3 g
Weight per piece (excluding packing)	81.7 g
Customs tariff number	85444290
Country of origin	PL



1418004

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## Technical data

### Mounting

Mounting type	Screw mounting

## Product properties

Product type	Circular connectors (device side)
Sensor type	Ethernet
Number of positions	8
No. of cable outlets	1
Shielded	yes
Cable outlet	straight

#### Insulation characteristics

Degree of pollution	3
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## Material specifications

Flammability rating according to UL 94	V2
Outer sheath, material	PUR
Conductor material	Bare Cu litz wires

## Electrical properties

Rated voltage (III/3)	72 V (DC)
Transmission medium	Copper
Transmission characteristics (category)	Class D
Transmission speed	1 Gbps
Wave impedance	100 Ω

## Mechanical properties

1400	honi	امدا	data
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Insertion/withdrawal cycles	≥ 100

### Connector

Type

#### Connection 1

Connection 2	
Туре	Plug straight RJ45
Degree of protection	IP20

Flush-type female connector straight M12

## Cable/line

Cable length	1.00 m



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Dimensional drawing	Ethernet flexible CAT5, 4-pair [94B]	
UL AWM Style   20963 (80°C/30 V)   Cable weight   47 kg/km   48	Dimensional drawing	
Cable weight         47 kg/km           Cable type         Ethernet flexible CAT5, 4-pair           Short symbol         02YS(ST)C11Y           Cable type (abbreviation)         94B           Signal type/category         Ethernet CAT5 (IEC 11801), 1 Gbps           Cable structure         4x2xAWG26/7, SF/UTP           External cable diameter         6.40 mm ±0.2 mm           Outer sheath, material         PUR           External sheath, color         water blue RAL 5021           Thickness, outer sheath         1.05 mm           Conductor material         Bare Cu litz wires           Conductor structure signal line         7x 0.16 mm           AWG signal line         26           Conductor cross section         4x 2x 0.14 mm²           Material wire insulation         Foamed PE           Wire diameter incl. insulation         0.96 mm           Single wire, color         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 %           Nominal voltage, cable         ≤ 100 V           Test volta	Shielded	yes
Cable type         Ethernet ffexible CAT5, 4-pair           Short symbol         02YS(ST)C11Y           Cable type (abbreviation)         94B           Signal type/category         Ethernet CAT5 (IEC 11801), 1 Gbps           Cable structure         4x2xAWG26/7, SF/UTP           External cable diameter         6.40 mm ±0.2 mm           Outer sheath, material         PUR           External sheath, color         water blue RAL 5021           Thickness, outer sheath         1.05 mm           Conductor structure signal line         7x 0.16 mm           Conductor structure signal line         26           Conductor cross section         4x 2x 0.14 mm²           Material wire insulation         Foamed PE           Wire diameter incl. insulation         9.96 mm           Single wire, color         white/blue-blue, white/orange-orange, white/green-green,	UL AWM Style	20963 (80°C/30 V)
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Cable type (abbreviation)         94B           Signal type/category         Ethemet CAT5 (IEC 11801), 1 Gbps           Cable structure         4x2xAWG26/7, SF/UTP           External cable diameter         6.40 mm ±0.2 mm           Outer sheath, material         PUR           External sheath, color         water blue RAL 5021           Thickness, outer sheath         1.05 mm           Conductor material         Bare Cu litz wires           Conductor structure signal line         7x 0.16 mm           AWG signal line         26           Conductor cross section         4x 2x 0.14 mm²           Material wire insulation         Poamed PE           Wire diameter incl. insulation         0.96 mm           Single wire, color         white/blue-blue, white/orange-orange, white/green-green, white/green-green, white/green-green, white/forown-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 %           Nominal voltage, cable         ≤ 100 V           Test voltage Core/Core         700 V (50 Hz, 1 min.)           Test voltage Core/Shield         700.00 mΩ/m (at 10 MHz)           Cable insulation res	Cable type	Ethernet flexible CAT5, 4-pair
Signal type/category         Ethernet CAT5 (IEC 11801), 1 Gbps           Cable structure         4x2xAWG26/7, SF/UTP           External cable diameter         6.40 mm ±0.2 mm           Outer sheath, material         PUR           External sheath, color         water blue RAL 5021           Thickness, outer sheath         1.05 mm           Conductor material         Bare Cu litz wires           Conductor structure signal line         7x 0.16 mm           AWG signal line         26           Conductor cross section         4x 2x 0.14 mm²           Material wire insulation         Foamed PE           Wire diameter incl. insulation         0.96 mm           Single wire, color         white/blue-blue, white/orange-orange, white/green-green, 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 %           Nominal voltage, cable         ≤ 100 V           Test voltage Core/Core         700 V (50 Hz, 1 min.)           Test voltage Core/Shield         700.00 V (50 Hz, 1 min.)           Cable insulation resistance         ≤ 100.00 mΩ/m (at 10 MHz)           Wave impedance	Short symbol	02YS(ST)C11Y
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Outer sheath, material       PUR         External sheath, color       water blue RAL 5021         Thickness, outer sheath       1.05 mm         Conductor material       Bare Cu litz wires         Conductor structure signal line $7x 0.16$ mm         AWG signal line $26$ Conductor cross section $4x 2x 0.14$ mm²         Material wire insulation       Foamed PE         Wire diameter incl. insulation $0.96$ mm         Single wire, color       white/blue-blue, white/orange-orange, white/green-green, white/prown-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 $70\%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Test voltage Core/Shield $700.00 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Cable insulation resistance $\leq 5 \text{ GC}^n$ km         Coupling resistance $\leq 100.00 \text{ mΩ/m} (\text{at } 10 \text{ MHz})$ Wave impedance $100.00 \text{ mΩ/m} (\text{at } 10 \text{ MHz})$ Loop resistance $\leq 290.00 \text{ Ω/km}$ Cable capacity $48 \text{ nF/km} (\text{at } 1$	Cable structure	4x2xAWG26/7, SF/UTP
External sheath, color       water blue RAL 5021         Thickness, outer sheath       1.05 mm         Conductor material       Bare Cu litz wires         Conductor structure signal line $7x 0.16$ mm         AWG signal line $26$ Conductor cross section $4x 2x 0.14$ mm²         Material wire insulation       Foamed PE         Wire diameter incl. insulation $0.96$ mm         Single wire, color       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 $70\%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Test voltage Core/Shield $700.00 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Cable insulation resistance $\geq 5 \text{ GC}^n\text{km}$ Coupling resistance $\leq 100.00 \text{ mΩ/m} (\text{at } 10 \text{ MHz})$ Wave impedance $100.00 \text{ mΩ/m} (\text{at } 10 \text{ MHz})$ Loop resistance $\leq 290.00 \text{ Ω/km}$ Cable capacity $48 \text{ nF/km} (\text{at } 1 \text{ kHz})$ Signal runtime <td>External cable diameter</td> <td>6.40 mm ±0.2 mm</td>	External cable diameter	6.40 mm ±0.2 mm
Thickness, outer sheath       1.05 mm         Conductor material       Bare Cu litz wires         Conductor structure signal line $7x 0.16$ mm         AWG signal line $26$ Conductor cross section $4x 2x 0.14$ mm²         Material wire insulation       Foamed PE         Wire diameter incl. insulation $0.96$ mm         Single wire, color       white/blue-blue, white/orange-orange, white/green-green, 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 $70\%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Test voltage Core/Shield $70.00 \text{ V} (50 \text{ Hz}, 1 \text{ min.})$ Cable insulation resistance $\leq 5 \text{ G}\Omega^*$ km         Coupling resistance $\leq 100.00 \text{ m}\Omega/\text{m} (\text{at } 10 \text{ MHz})$ Wave impedance $100 \Omega \pm 5 \Omega (\text{at } 100 \text{ MHz})$ Loop resistance $\leq 290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km} (\text{at } 1 \text{ kHz})$ Signal runtime $5.3 \text{ ns/m}$	Outer sheath, material	PUR
Conductor material       Bare Cu litz wires         Conductor structure signal line $7 \times 0.16 \text{ mm}$ AWG signal line $26$ Conductor cross section $4 \times 2 \times 0.14 \text{ mm}^2$ Material wire insulation       Foamed PE         Wire diameter incl. insulation $0.96 \text{ mm}$ Single wire, color       white/blue-blue, white/orange-orange, white/green-green, white/green-green, white/brown-brown         Twisted pairs $2 \text{ cores to the pair}$ Overall twist $4 \text{ pairs for core}$ Shielding       Aluminum-coated foil, tinned copper braided shield         Optical shield covering $70 \%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V (50 Hz, 1 min.)}$ Cable insulation resistance $\geq 5 \text{ GΩ}^*\text{km}$ Coupling resistance $\leq 100.00 \text{ mΩ/m (at 10 MHz)}$ Wave impedance $100 \Omega \pm 5 \Omega$ (at $100 \text{ MHz}$ )         Loop resistance $\leq 290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Signal runtime $5.3 \text{ ns/m}$	External sheath, color	water blue RAL 5021
Conductor structure signal line $7x 0.16 \text{ mm}$ AWG signal line $26$ Conductor cross section $4x 2x 0.14 \text{ mm}^2$ Material wire insulation       Foamed PE         Wire diameter incl. insulation $0.96 \text{ mm}$ Single wire, color       white/blue-blue, white/orange-orange, white/green-green, white/green-green, white/prown-brown         Twisted pairs $2 \text{ cores to the pair}$ Overall twist $4 \text{ pairs for core}$ Shielding       Aluminum-coated foil, tinned copper braided shield         Optical shield covering $70 \%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V (50 Hz, 1 min.)}$ Cable insulation resistance $\geq 5 \text{ GΩ}^*\text{km}$ Coupling resistance $\leq 100.00 \text{ mΩ/m (at 10 MHz)}$ Wave impedance $100 \Omega \pm 5 \Omega$ (at $100 \text{ MHz}$ )         Loop resistance $\leq 290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Signal runtime $5.3 \text{ ns/m}$	Thickness, outer sheath	1.05 mm
AWG signal line $26$ Conductor cross section $4x 2x 0.14 \text{ mm}^2$ Material wire insulationFoamed PEWire diameter incl. insulation $0.96 \text{ mm}$ Single wire, colorwhite/blue-blue, white/orange-orange, white/green-green, white/brown-brownTwisted pairs $2 \text{ cores to the pair}$ Overall twist $4 \text{ pairs for core}$ ShieldingAluminum-coated foil, tinned copper braided shieldOptical shield covering $70 \%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V (50 Hz, 1 min.)}$ Cable insulation resistance $\geq 5 \text{ GO*km}$ Coupling resistance $\leq 100.00 \text{ mg/m (at 10 MHz)}$ Wave impedance $100 \Omega \pm 5 \Omega$ (at $100 \text{ MHz}$ )Loop resistance $\leq 290.00 \Omega/km$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Signal runtime $5.3 \text{ ns/m}$	Conductor material	Bare Cu litz wires
Conductor cross section $4x 2x 0.14 \text{ mm}^2$ Material wire insulationFoamed PEWire diameter incl. insulation0.96 mmSingle wire, colorwhite/blue-blue, white/orange-orange, white/green-green, white/brown-brownTwisted pairs2 cores to the pairOverall twist4 pairs for coreShieldingAluminum-coated foil, tinned copper braided shieldOptical shield covering70 %Nominal voltage, cable≤ 100 VTest voltage Core/Core700 V (50 Hz, 1 min.)Test voltage Core/Shield700.00 V (50 Hz, 1 min.)Cable insulation resistance≥ 5 GΩ*kmCoupling resistance≤ 100.00 mΩ/m (at 10 MHz)Wave impedance100 Ω ± 5 Ω (at 100 MHz)Loop resistance≤ 290.00 Ω/kmCable capacity48 nF/km (at 1 kHz)Signal runtime5.3 ns/m	Conductor structure signal line	7x 0.16 mm
Material wire insulationFoamed PEWire diameter incl. insulation $0.96 \text{ mm}$ Single wire, colorwhite/blue-blue, white/orange-orange, white/green-green, white/brown-brownTwisted pairs $2 \text{ cores to the pair}$ Overall twist $4 \text{ pairs for core}$ ShieldingAluminum-coated foil, tinned copper braided shieldOptical shield covering $70 \%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V} (50 \text{ Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V} (50 \text{ Hz, 1 min.)}$ Cable insulation resistance $\geq 5 \text{ G}\Omega^*\text{km}$ Coupling resistance $\leq 100.00 \text{ m}\Omega/\text{m} (\text{at } 10 \text{ MHz})$ Wave impedance $100 \Omega \pm 5 \Omega (\text{at } 100 \text{ MHz})$ Loop resistance $\leq 290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km} (\text{at } 1 \text{ kHz})$ Signal runtime $5.3 \text{ ns/m}$	AWG signal line	26
Wire diameter incl. insulation       0.96 mm         Single wire, color       white/blue-blue, white/orange-orange, white/green-green, white/prown-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 %         Nominal voltage, cable       ≤ 100 V         Test voltage Core/Core       700 V (50 Hz, 1 min.)         Test voltage Core/Shield       700.00 V (50 Hz, 1 min.)         Cable insulation resistance       ≥ 5 $G\Omega^*$ km         Coupling resistance       ≤ 100.00 m $\Omega$ /m (at 10 MHz)         Wave impedance       100 $\Omega$ ±5 $\Omega$ (at 100 MHz)         Loop resistance       ≤ 290.00 $\Omega$ /km         Cable capacity       48 nF/km (at 1 kHz)         Signal runtime       5.3 ns/m	Conductor cross section	4x 2x 0.14 mm²
Single wire, color       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 %         Nominal voltage, cable       ≤ 100 V         Test voltage Core/Core       700 V (50 Hz, 1 min.)         Test voltage Core/Shield       700.00 V (50 Hz, 1 min.)         Cable insulation resistance       ≥ 5 GΩ*km         Coupling resistance       ≤ 100.00 mΩ/m (at 10 MHz)         Wave impedance       100 $Ω ±5 Ω$ (at 100 MHz)         Loop resistance       ≤ 290.00 $Ω/km$ Cable capacity       48 nF/km (at 1 kHz)         Signal runtime       5.3 ns/m	Material wire insulation	Foamed PE
Twisted pairs $2 \text{ cores to the pair}$ Overall twist4 pairs for coreShieldingAluminum-coated foil, tinned copper braided shieldOptical shield covering $70 \%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V (50 Hz, 1 min.)}$ Cable insulation resistance $\geq 5 \text{ G}\Omega^*\text{km}$ Coupling resistance $\leq 100.00 \text{ m}\Omega/\text{m} \text{ (at 10 MHz)}$ Wave impedance $100 \Omega \pm 5 \Omega \text{ (at 100 MHz)}$ Loop resistance $\leq 290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Signal runtime $5.3 \text{ ns/m}$	Wire diameter incl. insulation	0.96 mm
Overall twist4 pairs for coreShieldingAluminum-coated foil, tinned copper braided shieldOptical shield covering $70 \%$ Nominal voltage, cable $\leq 100 \text{ V}$ Test voltage Core/Core $700 \text{ V } (50 \text{ Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V } (50 \text{ Hz, 1 min.)}$ Cable insulation resistance $\geq 5 \text{ G}\Omega^*\text{km}$ Coupling resistance $\leq 100.00 \text{ m}\Omega/\text{m} \text{ (at 10 MHz)}$ Wave impedance $100 \Omega \pm 5 \Omega \text{ (at 100 MHz)}$ Loop resistance $\leq 290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Signal runtime $5.3 \text{ ns/m}$	Single wire, color	
ShieldingAluminum-coated foil, tinned copper braided shieldOptical shield covering70 %Nominal voltage, cable≤ 100 VTest voltage Core/Core700 V (50 Hz, 1 min.)Test voltage Core/Shield700.00 V (50 Hz, 1 min.)Cable insulation resistance≥ 5 $G\Omega$ *kmCoupling resistance≤ 100.00 mΩ/m (at 10 MHz)Wave impedance100 $\Omega$ ±5 $\Omega$ (at 100 MHz)Loop resistance≤ 290.00 $\Omega$ /kmCable capacity48 nF/km (at 1 kHz)Signal runtime5.3 ns/m	Twisted pairs	2 cores to the pair
Optical shield covering70 %Nominal voltage, cable≤ 100 VTest voltage Core/Core700 V (50 Hz, 1 min.)Test voltage Core/Shield700.00 V (50 Hz, 1 min.)Cable insulation resistance≥ 5 GΩ*kmCoupling resistance≤ 100.00 mΩ/m (at 10 MHz)Wave impedance100 Ω ±5 Ω (at 100 MHz)Loop resistance≤ 290.00 Ω/kmCable capacity48 nF/km (at 1 kHz)Signal runtime5.3 ns/m	Overall twist	4 pairs for core
Nominal voltage, cable≤ 100 VTest voltage Core/Core700 V (50 Hz, 1 min.)Test voltage Core/Shield700.00 V (50 Hz, 1 min.)Cable insulation resistance≥ 5 GΩ*kmCoupling resistance≤ 100.00 mΩ/m (at 10 MHz)Wave impedance100 Ω ±5 Ω (at 100 MHz)Loop resistance≤ 290.00 Ω/kmCable capacity48 nF/km (at 1 kHz)Signal runtime5.3 ns/m	Shielding	Aluminum-coated foil, tinned copper braided shield
Test voltage Core/Core $700 \text{ V (50 Hz, 1 min.)}$ Test voltage Core/Shield $700.00 \text{ V (50 Hz, 1 min.)}$ Cable insulation resistance≥ $5 \text{ G}\Omega^*\text{km}$ Coupling resistance≤ $100.00 \text{ m}\Omega/\text{m (at 10 MHz)}$ Wave impedance $100 \Omega \pm 5 \Omega \text{ (at 100 MHz)}$ Loop resistance≤ $290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km (at 1 kHz)}$ Signal runtime $5.3 \text{ ns/m}$	Optical shield covering	70 %
Test voltage Core/Shield $700.00 \text{ V } (50 \text{ Hz}, 1 \text{ min.})$ Cable insulation resistance≥ $5 \text{ G}\Omega^*\text{km}$ Coupling resistance≤ $100.00 \text{ m}\Omega/\text{m} (at 10 \text{ MHz})$ Wave impedance $100 \Omega \pm 5 \Omega (at 100 \text{ MHz})$ Loop resistance≤ $290.00 \Omega/\text{km}$ Cable capacity $48 \text{ nF/km} (at 1 \text{ kHz})$ Signal runtime $5.3 \text{ ns/m}$	Nominal voltage, cable	≤ 100 V
Cable insulation resistance       ≥ 5 GΩ*km         Coupling resistance       ≤ 100.00 mΩ/m (at 10 MHz)         Wave impedance       100 Ω ±5 Ω (at 100 MHz)         Loop resistance       ≤ 290.00 Ω/km         Cable capacity       48 nF/km (at 1 kHz)         Signal runtime       5.3 ns/m	Test voltage Core/Core	700 V (50 Hz, 1 min.)
Coupling resistance≤ 100.00 mΩ/m (at 10 MHz)Wave impedance100 Ω ±5 Ω (at 100 MHz)Loop resistance≤ 290.00 Ω/kmCable capacity48 nF/km (at 1 kHz)Signal runtime5.3 ns/m	Test voltage Core/Shield	700.00 V (50 Hz, 1 min.)
Wave impedance $100 Ω ±5 Ω (at 100 MHz)$ Loop resistance≤ $290.00 Ω/km$ Cable capacity $48 nF/km (at 1 kHz)$ Signal runtime $5.3 ns/m$	Cable insulation resistance	≥ 5 GΩ*km
Loop resistance       ≤ 290.00 Ω/km         Cable capacity       48 nF/km (at 1 kHz)         Signal runtime       5.3 ns/m	Coupling resistance	≤ 100.00 mΩ/m (at 10 MHz)
Cable capacity 48 nF/km (at 1 kHz) Signal runtime 5.3 ns/m	Wave impedance	100 $\Omega$ ±5 $\Omega$ (at 100 MHz)
Signal runtime 5.3 ns/m	Loop resistance	≤ 290.00 Ω/km
	Cable capacity	48 nF/km (at 1 kHz)
Tensile strength ≤ 100 N	Signal runtime	5.3 ns/m
	Tensile strength	≤ 100 N



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Minimum bending radius, fixed installation	4 x D
Minimum bending radius, flexible installation	8 x D
Near end crosstalk attenuation (NEXT)	71.3 dB (with 1 MHz)
	62.3 dB (at 4 MHz)
	56.3 dB (at 10 MHz)
	53.2 dB (at 16 MHz)
	51.8 dB (at 20 MHz)
	48.9 dB (at 31.25 MHz)
	44.4 dB (at 62.5 MHz)
	41.3 dB (at 100 MHz)
Power-summated near end crosstalk attenuation (PSNEXT)	62.3 dB (with 1 MHz)
	53.3 dB (at 4 MHz)
	47.3 dB (at 10 MHz)
	44.2 dB (at 16 MHz)
	42.8 dB (at 20 MHz)
	39.9 dB (at 31.25 MHz)
	35.4 dB (at 62.5 MHz)
	32.3 dB (at 100 MHz)
Return attenuation (RL)	23 dB (at 4 MHz)
	24.1 dB (at 8 MHz)
	25 dB (at 10 MHz)
	25 dB (at 16 MHz)
	25 dB (at 20 MHz)
	23.6 dB (at 31.25 MHz)
	21.5 dB (at 62.5 MHz)
	20.1 dB (at 100 MHz)
Halogen-free	according to IEC 60754-1
Resistance to oil	in accordance with EN 60811-2-1
Flame resistance	according to IEC 60332-1-2
Ambient temperature (operation)	-20 °C 80 °C (Cable, flexible installation)
	-40 °C 80 °C (cable, fixed installation)



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## Classifications

### **ECLASS**

	ECLASS-11.0	27060307	
	ECLASS-12.0	27060307	
	ECLASS-13.0	27060307	
ETIM			
	ETIM 9.0	EC001855	
UNSPSC			
	UNSPSC 21.0	26121600	



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## Environmental product compliance

REACh SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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