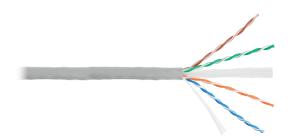


NKL 2140A-zz



NIKOLAN U/UTP cable, 4 pairs, Cat.6, 24 AWG, Indoor, PVC, 305 M

NIKOLAN 2nd series cables provide excellent performance at an affordable price, which makes them the ideal choice for building residential, small local and entry-level structured networks, to be used in projects that do not require system support. The range of indoor cables includes unshielded (U/UTP) cables of category 5e and 6 with PVC or LSZH shells.

Category 6 cable is unshielded U/UTP, and designed for indoor cabling. The outer jacket is made of PVC. Supplied by 305 m in compact easy-pull-out boxes. Also 100 m packaging is available.

Ordering Table

P/N	Number of pai	rs Category	Туре	Usage, Jacket	Color	Length, M	Package	Size, mm	Volume, m3	Weight, kg
NKL 2140A-GY	4	6	U/UTP	Indoor, PVC	Grey	305	Pull-out box	405x405x20	0 0.0328	13.5
NKL 2140A-BL	4	6	U/UTP	Indoor, PVC	Blue	305	Pull-out box	405x405x20	0 0.0328	13.5
NKL 2140A-GN	4	6	U/UTP	Indoor, PVC	Green	305	Pull-out box	405x405x20	0 0.0328	13.5
NKL 2140A-WT	4	6	U/UTP	Indoor, PVC	White	305	Pull-out box	405x405x20	0 0.0328	13.5
NKL 2140A-YL	4	6	U/UTP	Indoor, PVC	Yellow	305	Pull-out box	405x405x20	0 0.0328	13.5



NKL 2140A-zz

NIKOLAN U/UTP cable, 4 pairs, Cat.6, 24 AWG, Indoor, PVC, 305 M

Detailed characteristics

Category6Bandwidth, MHz250 MHzStoreUUTPNumber of pairs4Material of conductorsPure cooperType of conductorsSolidDiameter of conductors, AWG0.53 ± 0.01 mmInsulation conductor hisulation, moductor thickness, mm0.21 ± 0.02 mmDiameter of conductor insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6.4 ± 0.05 mmJacket thickness, nm0.6 ± 0.05 mmOuter jacket diameter, mm6.4 ± 0.05 mmJacket thickness, nm0.4 ± 0.05 mmOuter jacket diameter, mm6.4 ± 0.05 mmJacket cloir5 colorsScreen construction (common screen)-Protective film-Radius of bending during laying2 4.0 CDMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during perition2 8.0 CDMaximum tensile strengthInou 1.1 ± 0.0Characteristic impedance, ohms100 ± 15 ΩMaximum tensile strengthSole Su/kmLength, M305ComplianceWeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/ELA-568-C.2Supported applications10BASE-T, 100BASE-T, 100BASE-T	Characteristic	Value
Type U/UTP Number of pairs 4 Material of conductors Pure copper Type of conductors Solid Diameter of conductors, AWG 0.53 ± 0.01 mm Insulation conductor tikkness, mm 0.21 ± 0.02 mm Diameter of conductor insulation, mm 0.99 ± 0.05 mm Outer jacket material PVC CPR Class Eca Application For indoor laying Jacket toikness, mm 0.6 ± 0.05 mm Outer jacket diameter, mm 6 ± 0.3 mm Jacket toikness, mm 0.6 ± 0.05 mm Outer jacket diameter, mm 5 colors Screen construction (common screen) - Protective film - Ripcord Yes Mass density (kg) per unit length (km) 40.2 ± 0.5 kg/km Radius of bending during operation ≥ 8x OD Radius of bending during operation ≥ 8x OD Mastruer nelis strength Maxt 100 N Characteristic impedance, ohms 100 ± 15 Ω Nominal velocity of propagation (NVP) 0.69 ± 0.1 Max. Conductor resistanc	Category	6
Number of pairs4Material of conductorsPure copperType of conductorsSolidDiameter of conductors, AWG0.53 ± 0.01 nmInsulation materialHDPEInsulation conductor thickness, mm0.21 ± 0.02 nmDiameter of conductors insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-Radius of bending during laying24 x 0DRadius of bending during laying24 x 0DRadius of bending during laying24 x 0DRadius of bending during laying28 x 0DNaminu tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km88 9 G/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications100 ± 15 .000G-AnyLan, TR-4. TR-16 Active, TR-16 PasiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Bandwidth, MHz	250 MHz
Material of conductors Pure copper Type of conductors Solid Diameter of conductors, AWG 0.53 ± 0.01 mm Insulation material HDPE Insulation material OPE Insulation conductor thickness, mm 0.21 ± 0.02 mm Outer jacket material PVC Outer jacket material PVC Application For indoor laying Jacket thickness, mm 0.6 ± 0.05 mm Outer jacket diameter, mm 6 ± 0.3 mm Jacket color 5 colors Screen construction (common screen) - Protective film - Radius of bending during laying ≥ 4x OD Radius of bending during laying ≥ 4x OD Radius of bending during laying ≥ 4x OD Radius of bending during operation ≥ 8x OD Mass: do bending during laying ≥ 8x OD Maximum tensile strength Max 100 N Characteristic impedance, ohms 100 ± 15 Ω Norminal velocity of propagation (NVP) 689 J/km Length, M 305 Compliance	Туре	U/UTP
Type of conductorsSolidDiameter of conductors, AWG0.53 ± 0.01 mmInsulation materialHDPEInsulation onductor thickness, mm0.21 ± 0.02 mmDiameter of conductor insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplication0.6 ± 0.05 mmOuter jacket diameter, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket thickness, nm6 ± 0.3 mmOuter jacket diameter, mm6 ± 0.3 mmJacket thickness, mm6 ± 0.3 mmOuter jacket diameter, mm6 ± 0.3 mmJacket thickness, mm0.6 ± 0.05 kmOuter jacket diameter, mm6 ± 0.3 mmJacket thickness, mm0.6 ± 0.05 kmOuter jacket diameter, mm6 ± 0.3 mmJacket thickness, other mm-VersSciolarsScreen construction (common screen)-Protective film-Radius of bending during laying≥ 4x ODRadius of bending during laying≥ 4x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)6.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 0/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications108 ASE-T, 100BASE-T4. 100B	Number of pairs	4
Diameter of conductors, AWG0.53 ± 0.01 mmInsulation materialHDPEInsulation conductor thickness, mm0.21 ± 0.02 mmDiameter of conductor insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket tolor5 colorsScreen construction (common screen)-Protective film-Radius of bending during laying≥ 4x ODRadius of bending during laying≥ 4x ODRadius of bending during laying≥ 8x ODMax: Conductor resistance(DC), ohms/km589 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applicationsAth. 51. ATM-51. ATM-155. IOWG-AnyLan, TR.4. TR-16 Active, TR-16 Passive	Material of conductors	Pure copper
Insulation materialHDPEInsulation conductor thickness, mm0.21 ± 0.02 mmDiameter of conductor insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4 x ODRadius of bending during poperation≥ 8x ODMaxinum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applicationsTIM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Type of conductors	Solid
Insulation conductor thickness, mm0.21 ± 0.02 mmDiameter of conductor insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaxinum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications100 ASE-TX, 100BASE-TX, 100BASE-T4, 100BASE-T, 100BAS	Diameter of conductors, AWG	0.53 ± 0.01 mm
Diameter of conductor insulation, mm0.99 ± 0.05 mmOuter jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-Radius of bending during laying2 4 0.5 kg/kmRadius of bending during laying2 4 x ODRadius of bending during laying2 4 x ODMaximut rensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km389 Ω/kmLength, M305Compliance108ASE-T, 100BASE-TX, 100BASE-TX, 100BASE-T, 10CBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C.	Insulation material	HDPE
Outer jacket materialPVCCPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications108ASE-T, 100BASE-TX, 100BASE-T4, 100BASE-T, 10CBASE-T, for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C.	Insulation conductor thickness, mm	0.21 ± 0.02 mm
CPR ClassEcaApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)6.6 ± 0.3 kg/kmLength, M305ComplianceMext her requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-TX, 100BASE-TX, 100BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Diameter of conductor insulation, mm	0.99 ± 0.05 mm
ApplicationFor indoor layingJacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4 x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications108ASE-T, 100BASE-TX, 100BASE-T4. 100BASE-T, 10GBASE-T, (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Outer jacket material	PVC
Jacket thickness, mm0.6 ± 0.05 mmOuter jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)6.99 ∪.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	CPR Class	Eca
Outer jacket diameter, mm6 ± 0.3 mmJacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications100 ASE-T, 100BASE-T, 100BASE-T, 10GBASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Application	For indoor laying
Jacket color5 colorsScreen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications100 #SE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Jacket thickness, mm	0.6 ± 0.05 mm
Screen construction (common screen)-Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 100BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Outer jacket diameter, mm	6 ± 0.3 mm
Protective film-RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications109 ± 51. 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Jacket color	5 colors
RipcordYesMass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applicationsStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Screen construction (common screen)	-
Mass density (kg) per unit length (km)40.2 ± 0.5 kg/kmRadius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Protective film	
Radius of bending during laying≥ 4x ODRadius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Ripcord	Yes
Radius of bending during operation≥ 8x ODMaximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Mass density (kg) per unit length (km)	40.2 ± 0.5 kg/km
Maximum tensile strengthMax 100 NCharacteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Radius of bending during laying	≥ 4x OD
Characteristic impedance, ohms100 ± 15 ΩNominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications108ASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Radius of bending during operation	≥ 8x OD
Nominal velocity of propagation (NVP)0.69 ± 0.1Max. Conductor resistance(DC), ohms/km≤ 89 Ω/kmLength, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Maximum tensile strength	Max 100 N
Max. Conductor resistance(DC), ohms/km ≤ 89 Ω/km Length, M 305 Compliance Meets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2 Supported applications 10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. Temperature ranges Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Characteristic impedance, ohms	100 ± 15 Ω
Length, M305ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Nominal velocity of propagation (NVP)	0.69 ± 0.1
ComplianceMeets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Max. Conductor resistance(DC), ohms/km	≤ 89 Ω/km
Supported applications10BASE-T, 100BASE-TX, 100BASE-T4. 1000BASE-T, 10GBASE-T (for Cat.6), ATM-25. ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 PassiveTemperature rangesStorage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Length, M	305
Supported applications ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 Passive Temperature ranges Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Compliance	Meets the requirements of standards: ISO/IEC 11801. EN 50173 & TIA/EIA-568-C.2
ATM-51. ATM-155. 100VG-AnyLan, TR-4. TR-16 Active, TR-16 Passive Temperature ranges Storage from -20 to +60 °C. Installation from 0 to +50 °C. Operation from -20 to +60 °C	Supported applications	
Warranty 1 Year	Temperature ranges	
	Warranty	1 Year