



CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat5e 24AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100—6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-100 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	40 dB min @ 30-100
Voltage rating	72 Vdc max.		

PHYSICAL AND MECHANICAL PROPERTIES

Basic Conductor	Bare copper
Conductor Size	24AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

Ordering Information

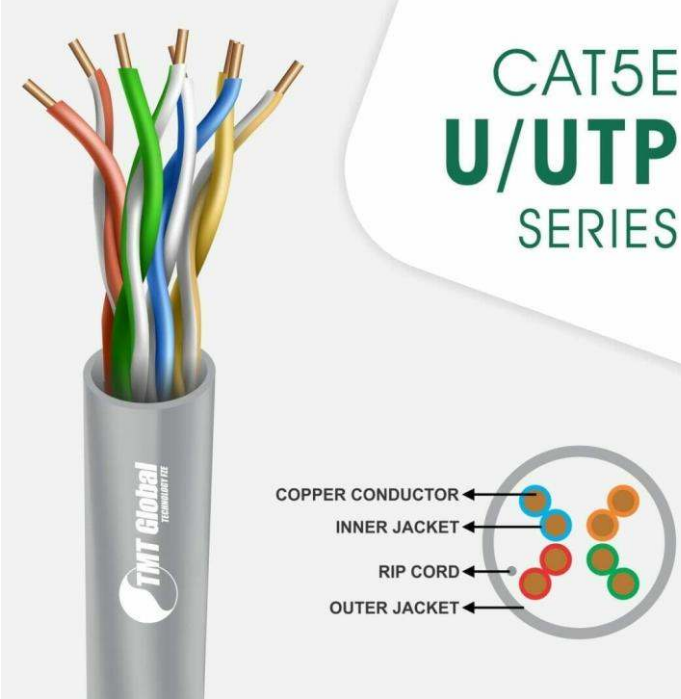
	Item Code	Description
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	5X145BPG	24AWG 4PAIR CAT5e U/UTP CABLE 305M GREY
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	5X145BPN	24AWG 4PAIR CAT5e U/UTP CABLE 305M - GREEN
	5X145BPO	24AWG 4PAIR CAT5e U/UTP CABLE 305M - ORANGE
	5X145BPR	24AWG 4PAIR CAT5e U/UTP CABLE 305M - RED
	5X145BPV	24AWG 4PAIR CAT5e U/UTP CABLE 305M - VIOLET
	5X145BPW	24AWG 4PAIR CAT5e U/UTP CABLE 305M WHITE
	5X145BPY	24AWG 4PAIR CAT5e U/UTP CABLE 305M - YELLOW
	5X145BPA	24AWG 4PAIR CAT5e U/UTP CABLE 305M - AQUA



CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

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Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
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Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
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Flame Test	IEC 60332-1

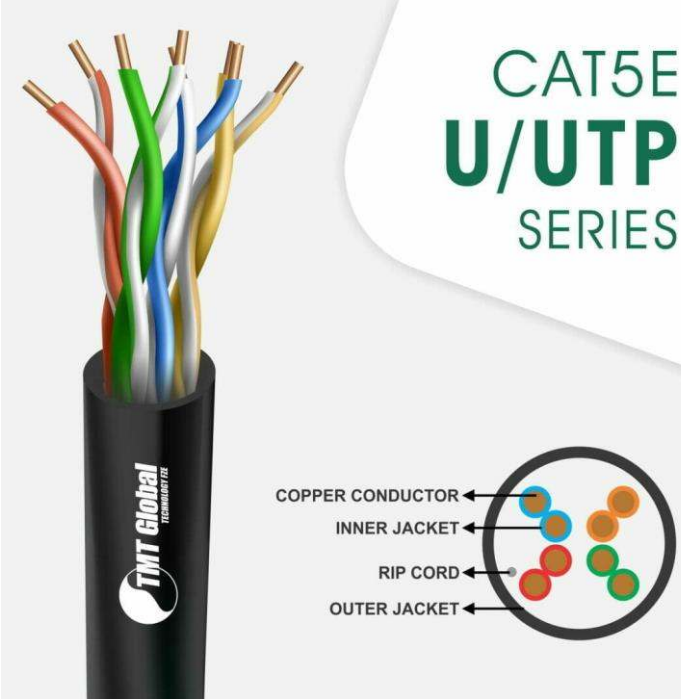
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	5X145BPV	24AWG 4PAIR CAT5e U/UTP CABLE 305M - VIOLET
	5X145BPW	24AWG 4PAIR CAT5e U/UTP CABLE 305M WHITE
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CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

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ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100—6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
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Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
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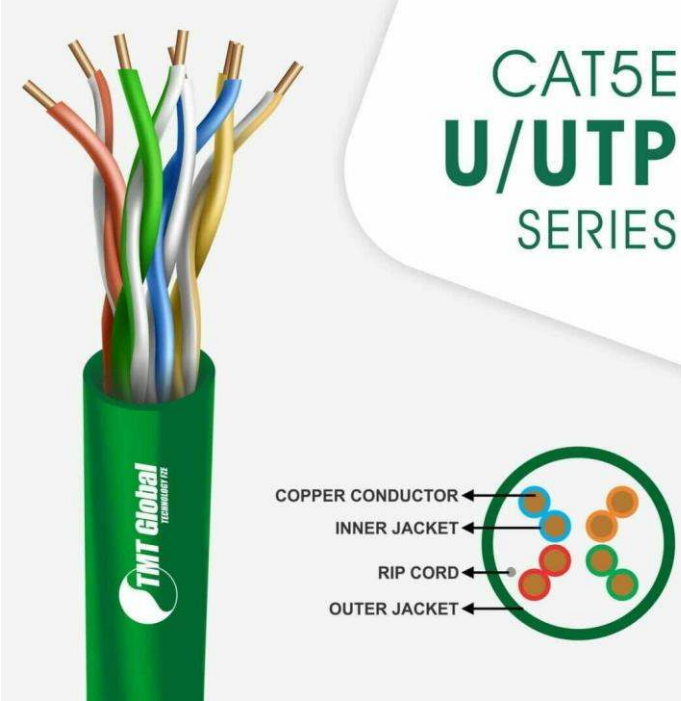
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CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

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ELECTRICAL SPECIFICATIONS

Characteristic Impedance	100—6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
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Basic Conductor	Bare copper
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Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
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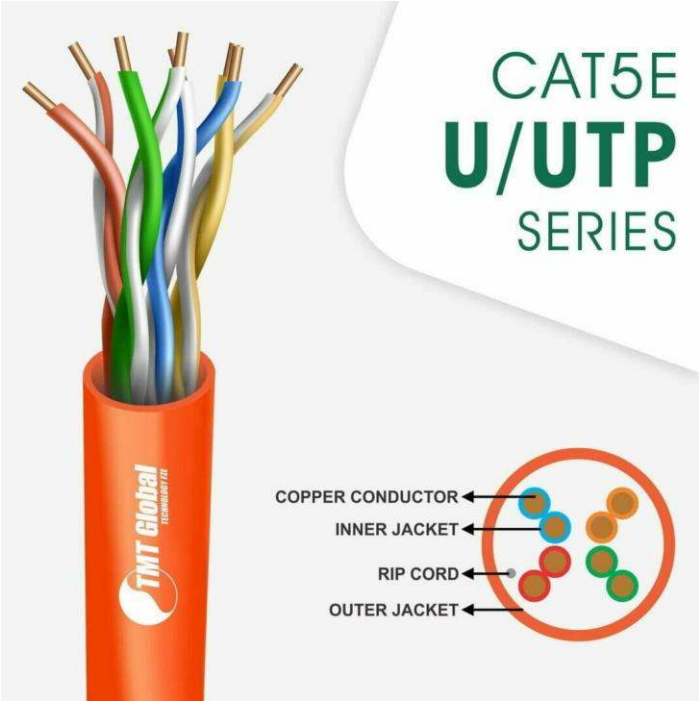
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CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

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Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
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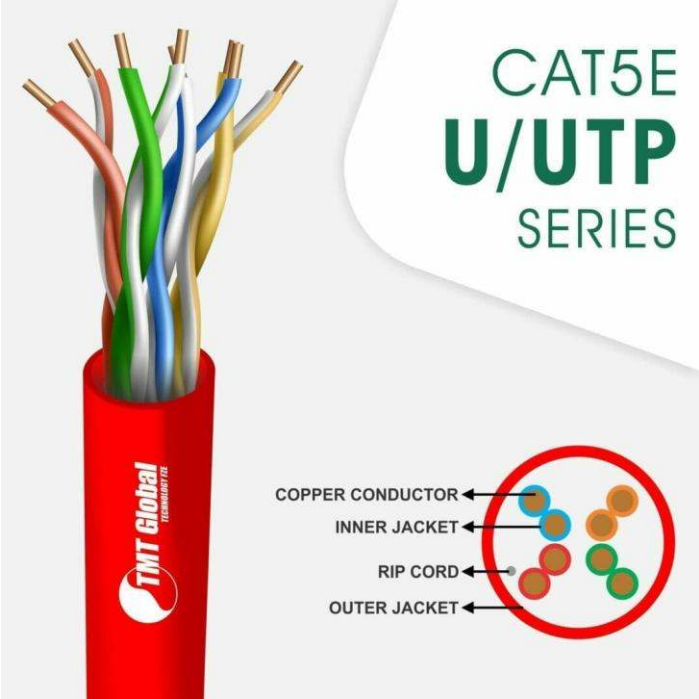
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	5X145BPR	24AWG 4PAIR CAT5e U/UTP CABLE 305M - RED
	5X145BPV	24AWG 4PAIR CAT5e U/UTP CABLE 305M - VIOLET
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CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

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Pulling force	110 N max.
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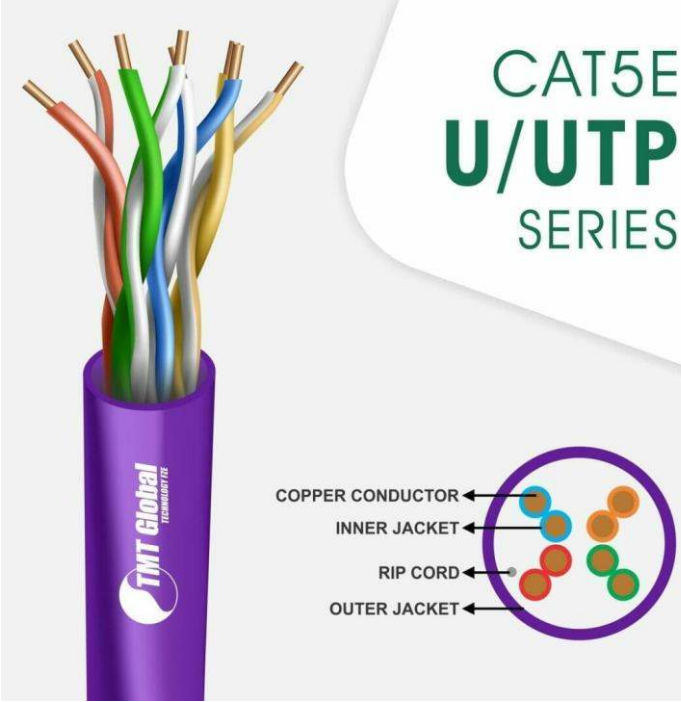
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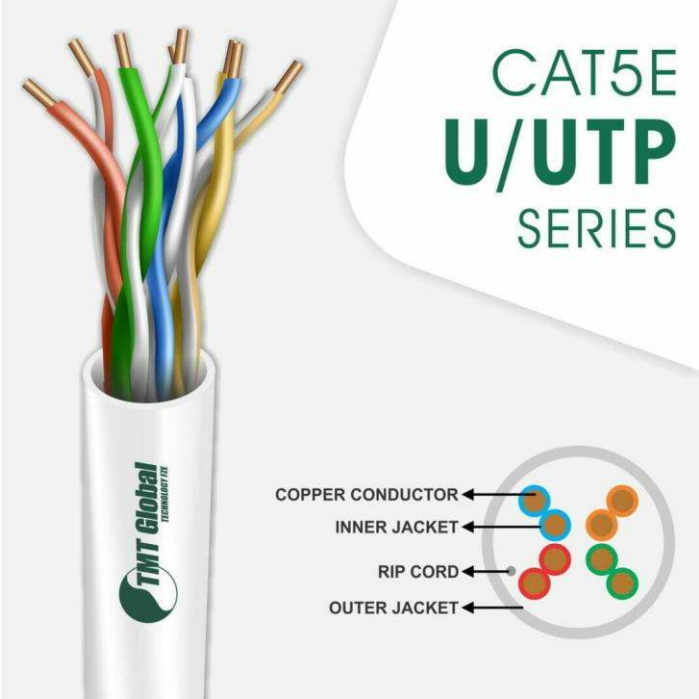
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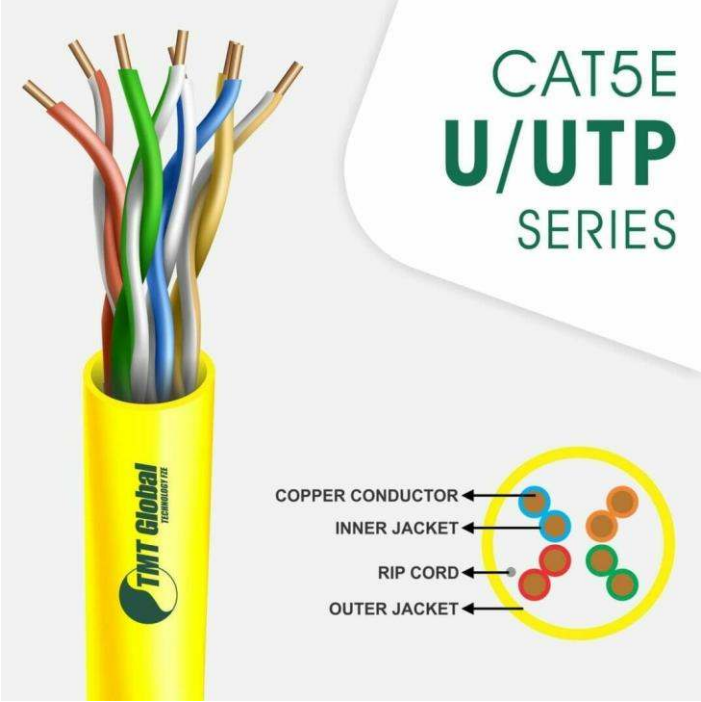
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	5X145BPA	24AWG 4PAIR CAT5e U/UTP CABLE 305M - AQUA



CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

The TMT Global Cat5e 24AWG 4 Twisted Pair U-UTP Network Cable is a premium choice for those in search of reliable and high-quality structured cabling solutions. Spanning 305 meters, this PVC cable is meticulously manufactured, tested, and complies with stringent standards, including IEC 60332-1-2 and ISO/IEC 11801:2011. Its flexible construction allows for effortless installation in narrow spaces, making it ideal for a variety of applications such as CCTV systems, audio-visual intercoms, public address systems, and smart home automation. This versatile cable not only supports high-performance structured cabling systems but also meets complex specifications across multiple industries, ensuring seamless connectivity and communication for any indoor or outdoor setup.



ELECTRICAL SPECIFICATIONS			
Characteristic Impedance	100—6 Ohm @ 1-100 MHz	Dielectric strength	1500 Volts/1 minute min rms
DC Resistance	93 Ohm/Km max.	Velocity of Propagation (NVP)	67-69%
Resistance unbalance	2% max.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-100 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	40 dB min @ 30-100
Voltage rating	72 Vdc max.		

PHYSICAL AND MECHANICAL PROPERTIES	
Basic Conductor	Bare copper
Conductor Size	24AWG
Insulation	HDPE
Number of insulated conductors	8, twisted in 4 pairs
Color Code of Pairs	Blue x White/Blue, Orange x White/Orange, Green x White/Green, Brown x White/Brown
Outer Jacket	PVC compound
Standard Jacket Color	Blue/Gray /Black/Green/Orange/Red/Violet/White/Yellow.
Standard Surface Marking	Includes TMT Global P/N, cable description, Meter mark and Model Number
Pulling force	110 N max.
Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
Temperature operating range	-20 to +60C
Installation temperature range	0 to +50C
Flame Test	IEC 60332-1

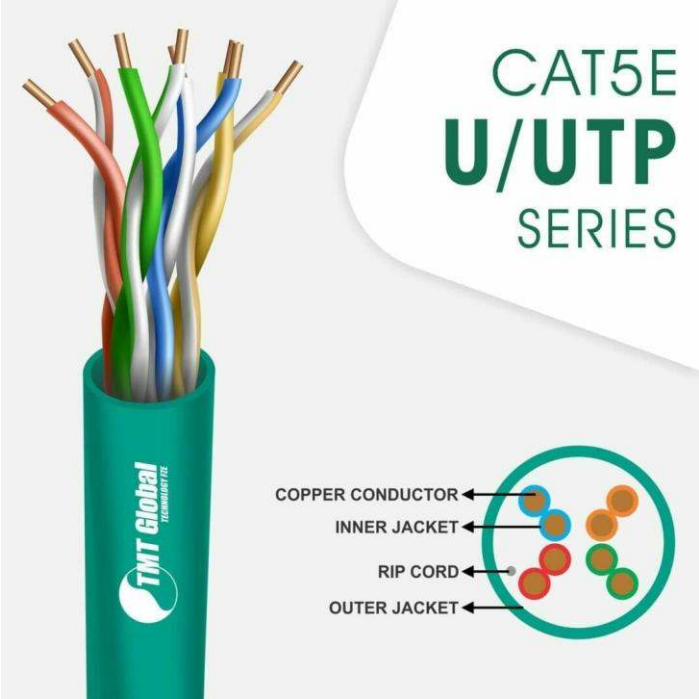
Ordering Information		
Model No Series	Item Code	Description
	5X145BPB	24AWG 4PAIR CAT5e U/UTP CABLE 305M - BLUE
	5X145BPG	24AWG 4PAIR CAT5e U/UTP CABLE 305M GREY
	5X145BPK	24AWG 4PAIR CAT5e U/UTP CABLE 305M - BLACK
	5X145BPN	24AWG 4PAIR CAT5e U/UTP CABLE 305M - GREEN
	5X145BPO	24AWG 4PAIR CAT5e U/UTP CABLE 305M - ORANGE
	5X145BPR	24AWG 4PAIR CAT5e U/UTP CABLE 305M - RED
	5X145BPV	24AWG 4PAIR CAT5e U/UTP CABLE 305M - VIOLET
	5X145BPW	24AWG 4PAIR CAT5e U/UTP CABLE 305M WHITE
	5X145BPY	24AWG 4PAIR CAT5e U/UTP CABLE 305M - YELLOW
	5X145BPA	24AWG 4PAIR CAT5e U/UTP CABLE 305M - AQUA



CAT5e U/UTP 24 AWG 4 Pair Network PVC Cable

Standards : ANSI/TIA/568.2-D CENELEC EN 50288-5IEC 61156-5 (ISO/IEC-11801 Class -E)

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ELECTRICAL SPECIFICATIONS

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Resistance unbalance	2% max.	Insulation Resistance	5000 Mega Ohm•Km min. @ 500 Vdc
Mutual Capacitance	5.6 nF/100m Max. @ 1 KHz	Insulation Resistance	45 nS/100m max @ 1-100 MHz
Cap. Unbalance (wire to ground)	1500 pF/Km max. @ 1 KHz.	Coupling attenuation	40 dB min @ 30-100
Voltage rating	72 Vdc max.		

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Short Term Bend Radius	6xOD (mm)
Storage Temperature	-20 to +80C
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	5X145BPG	24AWG 4PAIR CAT5e U/UTP CABLE 305M GREY
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	5X145BPN	24AWG 4PAIR CAT5e U/UTP CABLE 305M - GREEN
	5X145BPO	24AWG 4PAIR CAT5e U/UTP CABLE 305M - ORANGE
	5X145BPR	24AWG 4PAIR CAT5e U/UTP CABLE 305M - RED
	5X145BPV	24AWG 4PAIR CAT5e U/UTP CABLE 305M - VIOLET
	5X145BPW	24AWG 4PAIR CAT5e U/UTP CABLE 305M WHITE
	5X145BPY	24AWG 4PAIR CAT5e U/UTP CABLE 305M - YELLOW
	5X145BPA	24AWG 4PAIR CAT5e U/UTP CABLE 305M - AQUA