PRO CAT6 Slim-Profile Network Patch Cord

The Kordz PRO Series CAT6 Network Patch Cord is a highly flexible, slim-profile, stranded 28AWG copper patch cord ideal for the professional and custom installer/integrator. With a diameter of only 3.9mm, the PRO series network patch cord provides over 30% reduction in diameter when compared with conventional 24AWG patch cords. Combined with stranded 28AWG oxygen free copper conductors and solid extrusion for maximum twist protection, the cable is both highly flexible and ensures signal integrity in general applications. The Kordz PRO CAT6 Network Patch Cord also brings to the market a new compact, custom designed RJ45 connector featuring an almost unbreakable locking latch. Using better materials, the RJ45 locking latch is rated to 2,000+ 180ºdegree bends. This removes the need for cable replacements due to latch breakage, saving installers time and cable wastage, living up to the promise of Connectivity.Assured. Each unit up to and including 10m is tested to meet the ANSI/TIA-568.2-D component requirements, with 15m, 20m & 30m lengths meeting channel requirements.

► Engineered and constructed to ensure installation success and longevity
► Exceeds all Category 6 ANSI/TIA 568.2-D standards for all frequencies from 1 to 250 MHz
► UTP 28AWG CAT6 slim-profile network patch cord
► UL (CM) fire rating
► 568B wire connection configuration
► Overall diameter of 3.9mmØ
► New compact design connector with 2000 bend cycle lock tab
► Available in 7 colours – Black, blue, grey, green, yellow, red & white
► Available in lengths from 0.15m to 30.0m lengths
► Lifetime Warranty

Technical Specifications

Category 6 Network Patch Cord Specificatin Standard

Application Standards		ANSI/TIA-568.2-D
		IEC11802
		EN50173
Performance Standard	≤ 10.0m	Category 6 Component Tested
	≥ 15.0m	Category 6 Channel Tested
Wiring method		T568-B
Certified Data Rate		1 Gbps (Gigabit ethernet)
Supported Data Rate		≥ 1 Gbps (Gigabit ethernet)
Certified Bandwidth		1 to 250 MHz
Supported Bandwidth		≥ 250 MHz

Construction

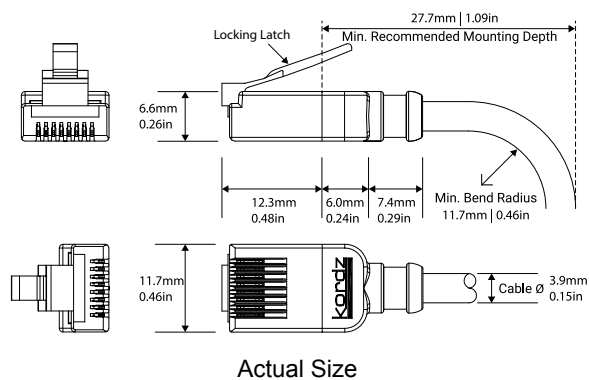|	
Conductors	Solid 28 AWG Oxygen Free Stranded Copper
Conductor Insulation	Polyolefin
Sheilding	Not Applicable
Cable Jacket Material	UL CM-rated PVC
Connector Material	Nylon
Contact Type	3-prong for solid/stranded conductors
Strain Relief	Injection-moulded PVC

Mechanical

Cable Diameter		28 AWG, 3.9mm/0.15"Ø
Maximum Cable Pulling Tension		80 kgf/cm²
Cable to Plug Tensile Strength		TBC
Cable Bend Radius		11.7mm | 0.46in
Recommended Total Mounting Depth		27.7mm | 1.09in
Mating Cycles (max.)		1000 cycles
Temperature range	UL Temp rating	75ºC

Electrical Characteristics

Conductor Resistance	223Ω/km
Insulation Resistance	10MΩ min @100V DC

c UL us
CM
FIRE RATED

Pb
lead-free

RoHS
2002/95/EC

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27.7mm | 1.09in — Min. Recommended Mounting Depth

Locking Latch

6.6mm | 0.26in

12.3mm | 0.48in — 6.0mm | 0.24in — 7.4mm | 0.29in

Min. Bend Radius 11.7mm | 0.46in

11.7mm | 0.46in

Cable Ø 3.9mm | 0.15in

Actual Size

3.9mm | 0.15in
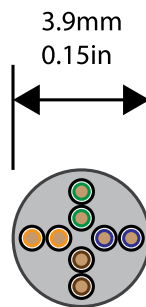
Kordz 28AWG Slim Profile CAT6 Network Patch Cord

6.0mm(nominal) | 0.23in
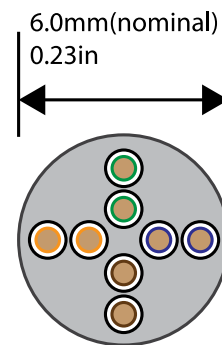
Standard 24AWG CAT6 Network Patch Cord

Over 50% reduction in cross-sectional area

Available lengths

0.15m · 0.25m · 0.5m · 0.75m · 1m · 1.5m · 2m · 2.5m · 3m · 4m · 5m · 7.5m · 10m · 15m · 20m · 30m
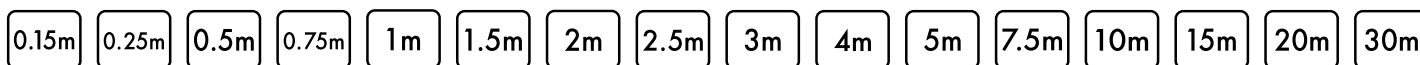
Available colours

BLACK · BLUE · GREEN · GREY · RED · WHITE · YELLOW

Part No:	Length	AWG	Technology	Test Standard	Length Variance	Inner Ctn Qty	Master Ctn Qty
K23045-0015-**xx**	0.15m	0.49ft				± 10mm	15	90
K23045-0025-**xx**	0.25m	0.82ft				± 15mm	15	90
K23045-0050-**xx**	0.50m	1.64ft				± 25mm	15	90
K23045-0075-**xx**	0.75m	2.46ft				± 30mm	15	90
K23045-0100-**xx**	1.00m |3.28ft				± 50mm	12	72
K23045-0150-**xx**	1.50m	4.92ft				± 50mm	12	72
K23045-0200-**xx**	2.00m	6.56ft			Component	± 50mm	12	72
K23045-0250-**xx**	2.50m	8.20ft	28	Category 6		± 50mm	12	72
K23045-0300-**xx**	3.00m	9.84ft				± 100mm	10	60
K23045-0400-**xx**	4.00m	13.1ft				± 100mm	8	48
K23045-0500-**xx**	5.00m	16.4ft				± 100mm	8	48
K23045-0750-**xx**	7.50m	24.6ft				± 100mm	12	36
K23045-1000-**xx**	10.0m	32.8ft				± 100mm	10	30
K23045-1500-**xx**	15.0m	49.2ft				± 200mm	8	16
K23045-2000-**xx**	20.0m	65.6ft			Channel	± 200mm	8	16
K23045-3000-**xx**	30.0m	98.4ft				± 200mm	8	16

[**xx**] = represents the jacket colour - Black [**BK**], Blue [**BL**], Green [**GN**], Grey [**GY**], Red [**RD**], White [**WH**], Yellow [**YL**]