kordz
Connectivity.**Assured**

PRO

PRO Category 6 Slim**Cat**™ Network Patch Cord

The Kordz PRO SlimCat 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 cable diameter of only 3.9mm, the PRO SlimCat 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 SlimCat Cat6 Network Patch Cord also brings to the market a new compact, custom designed RJ45 connector featuring an almost unbreakable latch. Using better materials, the RJ45 'snap-proof'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 (i.e. replace full stop with space). 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 cable diameter of 3.9mmØ
► Patented compact RJ45 connector with 'snap-proof' latch
► Available in 8 colours – Black, blue, grey, green, purple, yellow, red & white
► Available in 16 lengths from 0.15m to 30.0m
► Lifetime Warranty

CAT 6 | U/UTP | POE++ | SNAP PROOF | c UL us CM | LIFETIME WARRANTY

Technical Specifications

Category 6 Network Patch Cord Specification Standard

Applicable Standards		ANSI/TIA-568.2-D
		IEC11801
		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

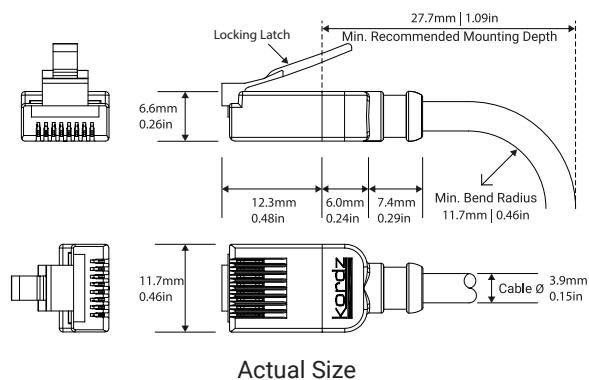|	
Conductors	Solid 28 AWG Oxygen Free Stranded Copper
Conductor Insulation	Polyolefin
Shielding	Not Applicable
Cable Jacket Material	UL CM-rated PVC
Connector Material	Nylon
Contact Type	3-prong for solid/stranded conductors
Strain Relief	Injection-moulded PVC

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

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C€ | Pb lead-free | ✓ RoHS 2002/95/EC

PRO Cat6 Slim-Profile Network Patch Cord

Actual Size

3.9mm 0.15in   6.0mm(nominal) 0.23in
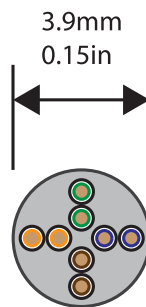
Kordz 28AWG Slim Profile CAT6 Network Patch Cord
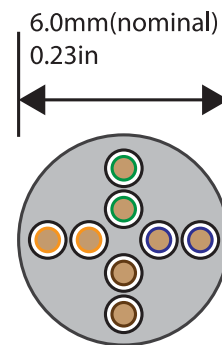
Standard 24AWG CAT6 Network Patch Cord

Over 50% reduction in cross-sectional area

Available lengths

| 0.15m | 0.25m | 0.5m | 0.75m | 1.0m | 1.5m | 2.0m | 2.5m | 3.0m | 4.0m | 5.0m | 7.5m | 10m | 15m | 20m | 30m |

Available colours

BLACK   BLUE   GREEN   GREY   PURPLE   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	28	Category 6	Component	± 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				± 50mm	12	72
K23045-0250-**xx**	2.50m | 8.20ft				± 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			Channel	± 200mm	8	16
K23045-2000-**xx**	20.0m | 65.6ft				± 200mm	8	16
K23045-3000-**xx**	30.0m | 98.4ft				± 200mm	8	16

[xx] = Represents the jacket colour			
Black [**BK**]	RAL9011	Red [**RD**]	RAL3000
Blue [**BL**]	RAL5015	Purple [**PP**]	RAL4005
Green [**GN**]	RAL6018	White [**WH**]	RAL9003
Grey [**GY**]	RAL7045	Yellow [**YL**]	RAL1018