

# 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+ 180°degree 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

**SONORA**  
PROFESSIONAL  
SERVICES INTÉGRATION  
AUDIOVISUELLE



## Technical Specifications

### Category 6 Network Patch Cord Specificatin Standard

		ANSI/TIA-568.2-D
Application Standards		IEC11802
		EN50173
		Category 6 Component Tested
Performance Standard	≤ 10.0m	Category 6 Channel Tested
	≥ 15.0m	
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/cm <sup>2</sup>
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
	75°C

### Electrical Characteristics

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

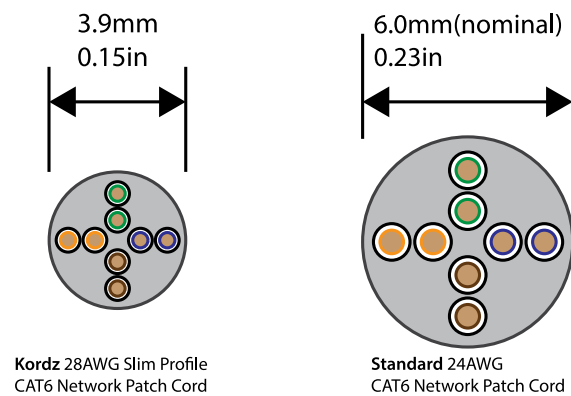
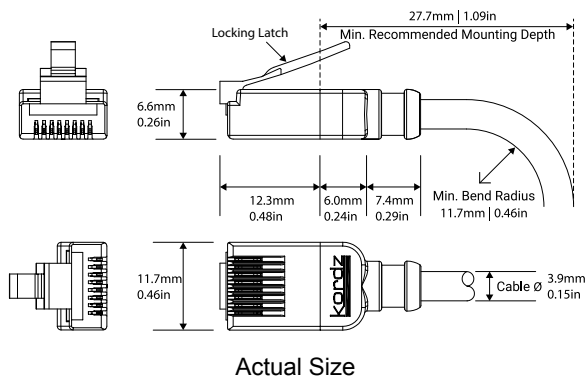
kordz.com



kordz.com



# PRO CAT6 Slim-Profile 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



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], Blue [BL], Green [GN], Grey [GY], Red [RD], White [WH], Yellow [YL]

Kordz products are sold with a limited warranty as outlined at: [www.kordz.com](http://www.kordz.com)

©2019 Kordz International. All rights reserved. Kordz Connectivity. Assured & Kordz range logos are trademarks or registered trademarks of Kordz International in Hong Kong and in other countries.

All other trademarks are the property of their respective owners.