

TrueNet®

Category 6 KM8® Patch Cord



TrueNet® Category 6 KM8® patch cords from ADC KRONE offer high performance and flexibility.

Impedance matched for use in TrueNet structured cabling systems, the KM8 patch cord exceeds all performance requirements for Category 6. The plug is designed with an integrated strain relief boot that prevents the cable from moving at the termination point when the cable is flexed, safeguarding circuit integrity and guaranteeing maximum performance. The strain relief boot also ensures that the correct bend radius is maintained throughout the network.

TrueNet KM8 patch cords are compliant with the Category 6 standard at a component level and come complete with third party certification. Component compliance is the only way to guarantee true performance. When used alongside TrueNet Category 6 component compliant cables, panels and jacks complete infrastructure performance is guaranteed.

Features

- Performance exceeding Category 6 specifications up to 250MHz
- Stranded copper conductors in cable pairs
- Flexible strain relief boot
- Range of sheath and length variants
- Fully interoperable and backwards compatible
- Third party certification at a component level

Key Benefits

- Maximum throughput, reliability and performance in your IT network
- Superior cable flexibility from stranded cores
- Boot maintains correct bend radius to ensure maximum performance
- Third party certification to offer complete peace of mind and guarantee quality
- 20 year warranty

TECHNICAL DATA

Ordering Information

Description	Catalogue Number
Patch cord, Category 6 KM8 RJ45 LSZH UTP blue	6830 2 821-xx
Patch cord, Category 6 KM8 RJ45 LSZH UTP red	6830 2 822-xx
Patch cord, Category 6 KM8 RJ45 LSZH UTP yellow	6830 2 823-xx
Patch cord, Category 6 KM8 RJ45 LSZH UTP green	6830 2 824-xx
Patch cord, Category 6 KM8 RJ45 LSZH UTP orange	6830 2 825-xx
Patch cord, Category 6 KM8 RJ45 LSZH UTP grey	6830 2 827-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP blue	6830 2 861-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP red	6830 2 862-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP yellow	6830 2 863-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP green	6830 2 864-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP orange	6830 2 865-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP grey	6830 2 867-xx
Patch cord, Category 6 KM8 RJ45 LSZH STP black	6830 2 868-xx

Replace xx with:

04 for 1.0m

07 for 2.0m

10 for 3.0m

15 for 5.0m

Alternative cable variants are available upon request.

Please contact ADC KRONE Customer Services for details on tel: +44 (0) 1242 264 400.

Technical Data

Operating temperature range:	-10° to 60 °C
RJ45 plug interface according to:	IEC 60603-7 Series (=750 mechanical operations)
Transmission performance and reliability:	TIA-568-B.2-1 & -6 ISO/IEC 11801:2002 Category 6 EN 50173-1:2002 Category 6 IEC/EN 61935-2
Conductor:	UTP: 24 (7x32) AWG stranded tinned copper S-STP / S-FTP: AWG26
Jacket:	LSZH (EN 60754-1&-2)
Nominal outer diameter:	UTP 5.3 mm ± .13 mm S-STP / S-FTP 6.0 mm ± .13mm
Safety rating:	IEC/EN 60950 LVD compliant
Flammability rating:	UTP / S-STP / S-FTP: IEC 60332-1 S-STP / S-FTP: IEC 60332-1

Testing requirements of connection technology according to ISO/IEC 11801 2nd Edition, ANSI/TIA/EIA-568-B.2-1 and EN 50173:2002.

All connecting hardware is tested individually and as part of a channel to ensure the critical parameters of Powersummation, ACR, NEXT, ELFEXT and Return loss exceed the requirements specified in international standards.

As there are infinite channel and permanent link combinations, to guarantee Category 6 system performance, the focus should be at a component level. Third party test certificates at a Channel, Permanent Link and Component level are available for all ADC KRONE Category 6 products.

TECHNICAL DATA



KRONE



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