



TrueNet®

CopperTen™ STP Portfolio

**The TrueNet® CopperTen™ Shielded (STP) Portfolio supports
10 Gigabit Ethernet to a full 100m.**

At high frequencies associated with 10 Gigabit per second alien crosstalk (interference between adjacent cables) hinders performance. The shielding used in the CopperTen STP solution effectively eliminates all alien crosstalk allowing data transmission rates of 10 Gigabits per second.

Features

- Supports 10 Gigabit Ethernet over shielded copper to a full 100m.
- Exceeds the requirements of IEEE 802.3an (10GBASE-T) and ISO/IEC 11801:2002 amendment/channel requirements
- Maximises productivity levels with 10 times the data throughput of Category 6
- True future proofing for tomorrow's network applications
- Covered by the TrueNet System Warranty

TrueNet® CopperTen™ Shielded Portfolio

Augmented Category 6 – Modular Jacks

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TrueNet® CopperTen™ STP Modular Keystone Jack

The CopperTen jack is utilised at the outlet and within the patch panel. Because it is shielded, there are no alien crosstalk issues.

Features

- Keystone design ensures compatibility with a range of keystone faceplates and adaptors
- T-568A/B wiring



Ordering Information

Description	Catalogue Number
Modular Jack, Augmented Category 6 STP (Pack of 1)	6830 1 811-0X
Modular Jack, Category 6 KM8 STP (Bag of 8)	6830 2 713-0X

*For X use:

- | | |
|-----------|-----------|
| 1 = White | 3 = Grey |
| 2 = Ivory | 4 = Black |

TrueNet® CopperTen™ Modular Patch Panel

The modular Augmented Category 6 panel utilises the high performing keystone jack.

Modular panels offer complete flexibility within the communications room and with the panel flexibility is further enhanced by the 1U 16, 24 and high density 32 port formats.



Features

- Expansive cable management, full fixing kit, and twin level labelling

Ordering Information

Description	Catalogue Number
Patch Panel, Augmented Category 6 CopperTen™ STP 16 ports	7022 1 155-16
Patch Panel, Augmented Category 6 CopperTen™ STP 24 ports	7022 1 155-24
Patch Panel, Augmented Category 6 CopperTen™ STP 32 ports	7022 1 155-32
Patch Panel, Augmented Category 6 CopperTen™ 16 ports (unloaded panels)	7022 2 155-16
Patch Panel, Augmented Category 6 CopperTen™ 24 ports (unloaded panels)	7022 2 155-24
Patch Panel, Augmented Category 6 CopperTen™ 32 ports (unloaded panels)	7022 2 155-32

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Augmented Category 6 – Loaded Faceplates

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TrueNet® CopperTen™ RJ45 STP Outlet UK Style

UK style faceplates featuring the CopperTen Keystone jack satisfying Augmented Category 6 requirements.

CopperTen outlets available in 2 and 4 port variants.

Dimensions

86 high x 86 wide x 16mm deep



Ordering Information

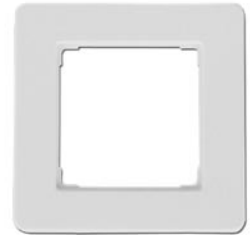
Description	Catalogue Number
Loaded Faceplate, Augmented Category 6 STP, Double	6540 1 840-08
Loaded Faceplate, Augmented Category 6 STP, Quad	6540 1 840-10

TrueNet® RJ45 CopperTen™ Outlets 50x50 European Style STP

The European style 50x50 faceplates feature the component compliant modular jack for LAN cabling systems satisfying Augmented Category 6 requirements.

Dimensions

80 high x 80 wide x 24mm deep



Ordering Information

Description	Catalogue Number
Loaded Faceplate, Augmented Category 6 STP, Double, Pure White	6690 1 610-51
Loaded Faceplate, Augmented Category 6 STP, Double, Ivory	6690 1 610-02
Cover Frame to adapt outer dimensions of 50x50 outlet to 80x80, Pure White	6690 1 725-01
Cover Frame to adapt outer dimensions of 50x50 outlet to 80x80, Ivory	6690 1 725-00

TrueNet® CopperTen™ Shielded Portfolio

Augmented Category 6 – Patch Cords

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TrueNet® CopperTen™ LSZH S/FTP Patch Cords

The CopperTen shielded (S/FTP) patch cord is used at the work area or in the Data Centre/communications room.

The high performance plug is designed with an integrated strain relief boot that prevents the cable from moving at the termination point when the cable is flexed. The strain relief boot also ensures that the correct bend radius is maintained.


The copper conductors held within the cable pairs are stranded for superior flexibility and are compacted for optimum signal strength.



Features

- Superior cable flexibility from stranded cores
- Boot maintains correct bend radius to ensure maximum performance

Ordering Information

Description	Cable Colour/Type	Catalogue Number*
Augmented Category 6 LSZH Patch Cord RJ45 plug to RJ45 plug, T568B 	Blue LSZH S/FTP	6830 2 881-XX
	Orange LSZH S/FTP	6830 2 885-XX

***For XX use:**

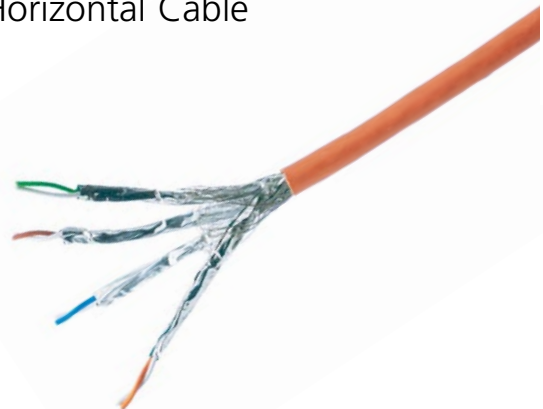
04 = 1 metre 10 = 3 metres
 07 = 2 metres 15 = 5 metres

Contact ADC KRONE for additional cable colours and lengths.

CopperTen™ Category 7 4PR S/FTP Horizontal Cable

The ADC KRONE S/FTP 600/AWG23 4PR cable is designed for applications up to 600 MHz and its connection properties exceed Category 7 specifications ISO/IEC 11801 (2002) and EN 50173-1 (2002).

Every pair is separately shielded – pairs in metal foil (PIMF). The twisted pairs are covered with a braided screen (S/FTP) which guarantees outstanding shielding properties.



Ordering Information

Description	Catalogue Number
Category 7 Horizontal Cable S/FTP, 1000m Reel, Orange	7053 3 762-55

Other cable types and colours are available upon request.

TrueNet® CopperTen™ Shielded Portfolio



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