

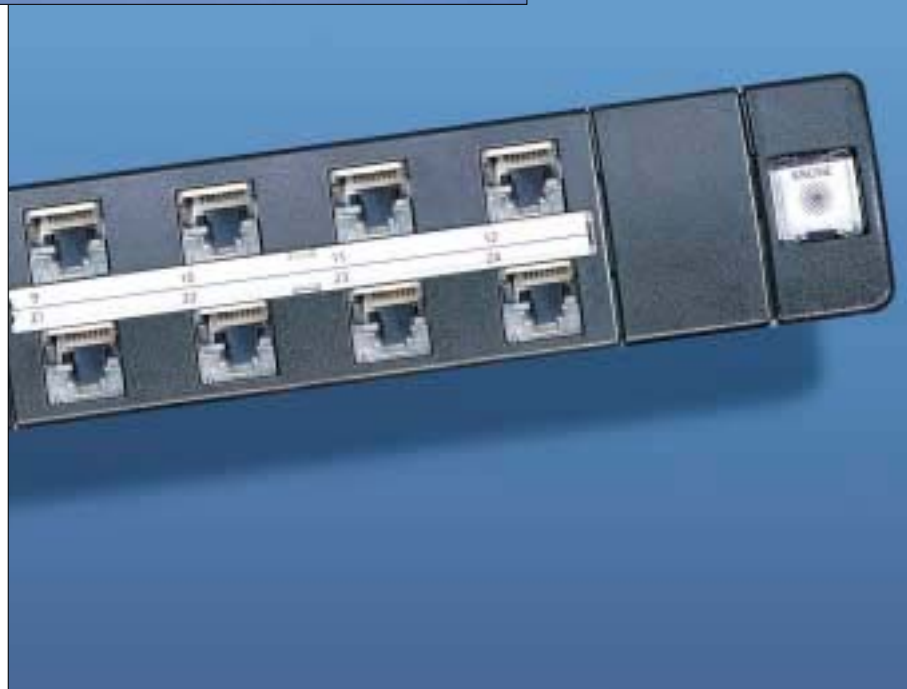
PremisNET®

Structured  
Cabling System



8.0

Structured Cabling System



8.0  
Structured  
Cabling System



## Overview

### KM8-Series - Cat. 6

LSA-PLUS contacts directly connected with the RJ45 contact with printed colour code 568A/B, KM8 contact design, individually exchangeable, each module with screening cap is screened for itself, 360 degree cable screen contact. Transmission performance **exceeds Category 6** requirements. Meets all future requirements (e.g. Gigabit Ethernet/1000baseT acc. to IEEE 802.3ab).

**20 year PremisNET warranty** see chapter 7.



### HK-Series - Cat. 5e

LSA-PLUS contacts directly connected with the RJ45 contact with printed colour code 568A/B, individually exchangeable, each module with screening cap is screened for itself, 360 degree cable screen contact. Transmission performance exceeds Category 5e requirements according to EIA/TIA 568, class D acc. to ISO/IEC 11801, EN 50173. Meets also the requirements for Gigabit Ethernet/1000baseT acc. to IEEE 802.3ab.

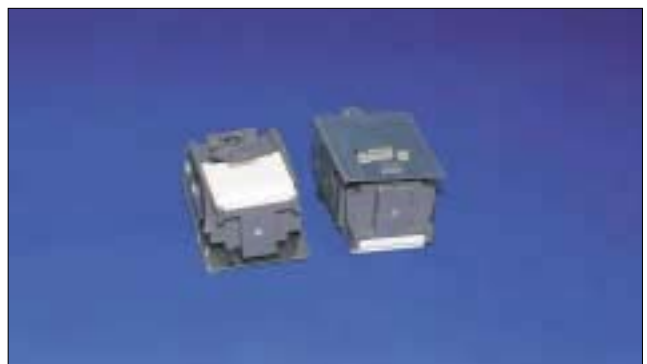
**20 year PremisNET warranty** see chapter 7.



### Compact-Series - Cat. 5e

LSA-PLUS contacts directly connected with the RJ45 contact with printed colour code 568A/B, individually exchangeable, each module with screening cap and shutter is screened for itself, 360 degree cable screen contact. Transmission performance exceeds Category 5e requirements according to EIA/TIA 568, class D acc. to ISO/IEC 11801, EN 50173. Meets also the requirements for Gigabit Ethernet/1000baseT acc. to IEEE 802.3ab.

**20 year PremisNET warranty** see chapter 7.



### HF-Series - Cat. 5e

Completely closed, massive die-cast zinc housing with integrated cable support; screen and strain relief as well as wide screen contacting cable grips with separate radii for sheath and screen, separate cable feed in, angled outlets. 8-pair LSA-PCBconnection modules with printed colour code acc. to 568A/B, completely with faceplate, label with transparent cover.

Transmission performance exceeds Category 5e requirements according to EIA/TIA 568, class D acc. to ISO/IEC 11801, EN 50173. Meets also the requirements for Gigabit Ethernet/1000baseT acc. to IEEE 802.3ab.





### KM8-Wall Outlet, Category 6, fully shielded

Order No.	Fully shielded, slant outlet, flush	Pack
6690 1 571-02	KM8 Wall outlet 2xRJ45-VS/S, Cat. 6, 568A/B, ivory	1 pc
6690 1 571-51	KM8 Wall outlet 2xRJ45-VS/S, Cat. 6, 568A/B, white	1 pc

Fully shielded, 2 slant RJ45 outlets, flush mounting. **Cat. 6 over 4 pairs**.  
Ease of installation due to simultaneous termination.

Order No.	Back box, single	Pack
6690 1 525-00	Back box, single, ivory	1 pc
6690 1 525-01	Back box, single, white	1 pc

81x81x42mm (wxdxh), for surface mounting. (no figure)

Order No.	KM8 Modules, fully shielded	Pack
6830 1 810-02	KM8 Module RJ45, STP, Cat.6, 568A/B, ivory	1 pc
6830 1 810-01	KM8 Module RJ45, STP, Cat.6, 568A/B, white	1 pc

Fully shielded RJ45 modules, **Cat. 6 over 4 pairs** with coloured coding  
according to T568 A/B. Compatible with leading wall outlet suppliers.

Order No.	HK Compact Adapter	Pack
6538 4 111-05	HK Compact 45° adapter	1 pc

Adapter with shutter

Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.

Order No.	Faceplate, Back box	Pack
6540 1 808-00	Compact Euro-Faceplate	1 pc
0637 0 006-57	Compact Back box	1 pc

Colour: white, RAL 9010.

Order No.	Plates	Pack
0637 0 008-14	HK Plate Berker, 2xRJ45, 90° For Berker wall outlets MODULE 2, ARSYS, CLIPTEC.	1 pc

0637 0 009-61	HK Plate Berker, 2xRJ45, slant, ivory	1 pc
0637 0 009-62	HK Plate Berker, 2xRJ45, slant, white	1 pc

For Berker wall outlet CLIPTEC.





## HK-Wall Outlets, Category 5e, fully shielded

Order No.	Fully shielded, slant outlet, flush	Pack
6690 1 662-00	HK Wall outlet 2xRJ45 -VS/S, 568A/B, ivory	10 pcs
6690 1 662-01	HK Wall outlet 2xRJ45 -VS/S, 568A/B, white	10 pcs

Fully shielded, 2 slant RJ45 outlets, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Modular system for easy replacement of components. Very shallow design, easy installation due to the modular design.

Order-No.	Backbox, single	Pack
6690 1 525-00	Backbox, single, ivory	1 pc
6690 1 525-01	Back box, single, white	1 pc

81x81x42mm (wxdxh), for surface mounting. (no figure)

Order No.	HK Module fully shielded	Pack
6540 1 154-02	HK Module RJ45, STP, Cat.5, A/B	20 pcs

Fully shielded RJ45 modules, Cat. 5e according to EIA/TIA 568, with coloured coding according to T568 A/B. Compatible with leading wall outlet suppliers such as: Berker, Gira, Jung, Peha.

Order No.	HK Compact Adapter	Pack
6538 4 111-05	HK Compact 45° Adapter	1 pc

Adapter with shutter

Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.

Order No.	Faceplate, Backbox	Pack
6540 1 801-00	Compact Euro Faceplate	1 pc
0637 0 006-57	Compact Backbox	1 pc

Colour: white, RAL 9010.

Order No.	Plates	Pack
0637 0 008-14	HK Plate Berker, 2xRJ45, 90°	1 pc
For Berker wall outlets MODULE 2, ARSYS, CLIPTEC.		
0637 0 009-61	HK Plate Berker, 2xRJ45, slant, ivory	1 pc
0637 0 009-62	HK Plate Berker, 2xRJ45, slant, white	1 pc

For Berker wall outlet CLIPTEC.





## Compact Wall Outlets, Category 5e, fully shielded

Order No.	Fully shielded, 45° outlet, flush	Pack
0637 0 007-03	Compact Wall outlet 1xRJ45 -VS/S	1 pc
0637 0 007-21	Compact Wall outlet 2xRJ45 -VS/S	1 pc

Fully shielded, 1 or 2 slant RJ45 outlets with shutters, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Colour: white, RAL 9010. Delivery: not assembled.

Consisting of:	RJ45 Module (T568A/B)	6540 1 254-01
	45° Adapter	6540 1 802-00
	Euro-Faceplate	6540 1 808-00
for 1xRJ45 ->	25x50 mm blank insert	6540 1 801-01



Order No.	Fully shielded, 90° outlet, flush	Pack
0637 0 007-02	Compact Wall outlet 1xRJ45 -VS/G	1 pc
0637 0 007-04	Compact Wall outlet 2xRJ45 -VS/G	1 pc

Fully shielded, 1 or 2 90° RJ45 outlets with shutters, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Colour: white, RAL 9010. Delivery: not assembled.

Consisting of:	RJ45 Module (T568A/B)	6540 1 254-03
	25x50 mm Adapter	6540 1 801-00
	Euro-Faceplate	6540 1 808-00
for 1xRJ45 ->	25x50 mm blank insert	6540 1 801-01



Order No.	Module, 45° outlet, fully shielded	Pack
6540 1 254-01	Compact Module RJ45 -VS/S	1 pc
6540 1 802-00	Compact 45° Adapter	1 pc

Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801, with coloured coding according to T568 A/B.

Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets. Colour: white, RAL 9010.



Order No.	Module, 90° outlet, fully shielded	Pack
6540 1 254-03	Compact Module RJ45 -VS/G	1 pc
6540 1 801-00	Compact 25x50 adapter	1 pc

Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801, with coloured coding according to T568 A/B.

Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.



Order No.	Faceplate, Backbox	Pack
6540 1 801-00	Compact Euro-Faceplate	1 pc
0637 0 006-57	Compact Backbox	1 pc

Colour: white, RAL 9010.







## PCB-Wall Outlets and HF-Wall outlets, Category 5e, fully shielded

Order No.	2xRJ45, fully shielded, PCB, slant outlet, flush mounting	Pack
6690 1 510-10	PCB Wall outlet 2xRJ45-VS/S, Kat.5e,flush mounting, RAL 1013	10 pcs
6690 1 510-11	PCB Wall outlet 2xRJ45-VS/S, Kat.5e,flush mounting, RAL 9010	10 pcs

Fully shielded, 2 slant RJ45 outlets, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.  
Colour: ivory - RAL 1013, white - RAL 9010.



Order No.	2xRJ45/1xRJ45, fully shielded, slant outlet, flush mounting	Pack
0637 0 010-30	HF Wall outlet 2xRJ45 -VS/S, 568A/B, UP, ivory	10 pcs
0637 0 010-32	HF Wall outlet 2xRJ45 -VS/S, 568A/B, UP, white	10 pcs
0637 0 010-31	HF Wall outlet 1xRJ45 -VS/S, 568A/B, UP, ivory	10 pcs
0637 0 010-33	HF Wall outlet 1xRJ45 -VS/S, 568A/B, UP, white	10 pcs

Fully shielded, 1 or 2 slant RJ45 outlets, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.  
Colour: ivory - RAL 1013, white - RAL 9010.



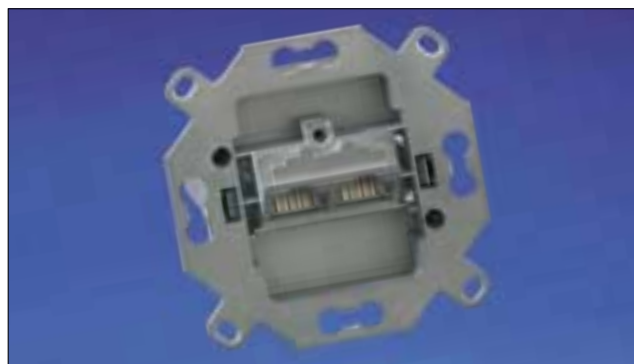
Order No.	Backbox	Pack
6690 1 525-00	Backbox, ivory	1 pc
6690 1 525-01	Backbox, white	1 pc

Colour: ivory - RAL 1013, white - RAL 9010.  
81x81x42mm (wxdxh)



Order No.	2xRJ45, fully shielded, slant outlet, flush mounting	Pack
0637 0 010-35	HF Wall outlet 1xRJ45 -VS/S, 568A/B, without faceplate	10 pcs
0637 0 010-34	HF Wall outlet 2xRJ45 -VS/S, 568A/B, without faceplate	10 pcs

Fully shielded, 1 or 2 slant RJ45 outlets, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.  
Compatible with leading wall outlet suppliers.





## SMK-Wall Outlets, Category 5e, fully shielded and unshielded

Order No.	2xRJ45, fully shielded, surface mounted	Pack
6467 1 085-10	SMK Wall outlet 2xRJ45-VS 568A/B, ivory	1 pc
6467 1 085-20	SMK Wall outlet 2xRJ45-VS, 568A/B, white	1 pc

Fully shielded, 2xRJ45 outlets, surface mounted. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.

Colour: ivory - RAL 1013, white - RAL 9010

Dimensions: 47x61x23 mm (dxwxh)

**20 year PremisNET warranty** see chapter 7.



Order No.	1xRJ45, fully shielded, surface mounted	Pack
6467 1 076-10	SMK Wall outlet 1xRJ45-VS 568A/B, ivory	1 pc
6467 1 076-20	SMK Wall outlet 1xRJ45-VS 568A/B, white	1 pc

Fully shielded, RJ45 outlet, surface mounted. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.

Colour: ivory - RAL 1013, white - RAL 9010

Dimension: 47x34x23 mm (dxwxh)

**20 year PremisNET warranty** see chapter 7.



Order No.	2xRJ45, unshielded, surface mounted	Pack
6467 1 084-10	SMK Wall outlet 2xRJ45-U 568 A/B, ivory	1 pc
6467 1 084-20	SMK Wall outlet 2xRJ45-U 568 A/B, white	1 pc

Unshielded, AP, 2xRJ45 outlets, surface mounted. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.

Colour: ivory - RAL 1013, white - RAL 9010

Dimension: 47x61x23 mm (dxwxh)

**20 year PremisNET warranty** see chapter 7.



Order No.	1xRJ45, unshielded, surface mounted	Pack
6467 1 075-10	SMK Wall outlet 1xRJ45-U 568 A/B, ivory	1 pc
6467 1 075-20	SMK Wall outlet 1xRJ45-U 568 A/B, white	1 pc

Unshielded, AP, RJ45 outlet, surface mounted. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801.

Colour: ivory - RAL 1013, white - RAL 9010

Dimension : 47x34x23 mm (dxwxh)

**20 year PremisNET warranty** see chapter 7.





## KM8-Wall Outlets, Category 6, unshielded

Order No.	Unshielded, slant outlet, flush	Pack
6690 1 570-02	KM8 Wall outlet 2xRJ45 -U/S, 568A/B, ivory	1 pc
6690 1 570-51	KM8 Wall outlet 2xRJ45 -U/S, 568A/B, white	1 pc

Unshielded, 2 slant RJ45 outlets, flush mounting. **Cat. 6 over 4 pairs**.  
Ease of installation due to simultaneous termination.

Order-No.	Backbox, single	Pack
6690 1 525-00	Backbox, single, ivory	1 pc
6690 1 525-01	Back box, single, white	1 pc

81x81x42mm (wxdxh), for surface mounting. (no figure)

Order No.	KM8 Module unshielded	Pack
6830 1 800-02	KM8 Module RJ45, UTP, Cat.6, 568A/B, ivory	1 pc
6830 1 800-01	KM8 Module RJ45, UTP, Cat.6, 568A/B, white	1 pc

Unshielded RJ45 modules, **Cat. 6 over 4 pairs** with coloured coding according to T568 A/B. Compatible with leading wall outlet suppliers.

Order No.	HK Compact Adapter	Pack
6538 4 111-05	HK Compact 45° adapter	1 pc

Adapter with shutter

Order No.	Blank insert	Pack
6540 1 808-00	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.

Order No.	Faceplate, Backbox	Pack
6540 1 801-00	Compact Euro Faceplate	1 pc
0637 0 006-57	Compact Backbox	1 pc

Colour: white, RAL 9010.

Order No.	Plates	Pack
0637 0 008-14	HK Plate Berker, 2xRJ45, 90°	1 pc

For Berker wall outlets MODULE 2, ARSYS, CLIPTEC.

0637 0 009-61	HK Plate Berker, 2xRJ45, slant, ivory	1 pc
0637 0 009-62	HK Plate Berker, 2xRJ45, slant, white	1 pc

For Berker wall outlet CLIPTEC.







## HK-Wall Outlets, Category 5e, unshielded

Order No.	Unshielded, slant outlet, flush	Pack
6690 1 652-02	HK Wall outlet 2xRJ45 -U/S, 568A/B, ivory	10 pcs
6690 1 652-52	HK Wall outlet 2xRJ45 -U/S, 568A/B, white	10 pcs

Unshielded, 2 slant RJ45 outlets, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Modular system for easy replacement of components. Very shallow design, easy installation due to the modular design.

Order-No.	Backbox, single	Pack
6690 1 525-00	Back box, single, ivory	1 pc
6690 1 525-01	Back box, single, white	1 pc

81x81x42mm (wxdxh), for surface mounting. (no figure)

Order No.	HK Module unshielded	Pack
6540 1 100-06	HK Module RJ45, UTP, Cat.5e,A/B	20 pcs

Unshielded RJ45 modules, Cat. 5e according to EIA/TIA 568, with coloured coding according to T568 A/B. Compatible with leading wall outlet suppliers.

Order No.	HK Compact Adapter	Pack
6538 4 111-05	HK Compact 45° adapter	1 pc

Adapter with shutter.

Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.

Order No.	Faceplate, Backbox	Pack
6540 1 801-00	Compact Euro Faceplate	1 pc
0637 0 006-57	Compact Backbox	1 pc

Colour: white, RAL 9010.

Order No.	Plates	Pack
0637 0 008-14	HK Plate Berker, 2xRJ45, 90°	1 pc

For Berker wall outlets MODULE 2, ARSYS, CLIPTEC.

0637 0 009-61	HK Plate Berker, 2xRJ45, slant, ivory	1 pc
0637 0 009-62	HK Plate Berker, 2xRJ45, slant, white	1 pc

For Berker wall outlet CLIPTEC.





## Compact Wall Outlets, Category 5e, unshielded

Order No.	Unshielded, 45° outlet, flush	Pack
0637 0 006-99	Compact Wall outlet 1xRJ45 -U/S	1 pc
0637 0 007-01	Compact Wall outlet 2xRJ45 -U/S	1 pc

Unshielded, 1 or 2 slant RJ45 outlets with shutters, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Colour: white, RAL 9010. Delivery: not assembled.

Consisting of:

RJ45 Module (568A/B)	6540 1 200-01
45° Adapter	6540 1 802-00
Euro-Faceplate	6540 1 808-00
for 1xRJ45 -> 25x50 mm blank insert	6540 1 801-01



Order No.	Unshielded, 90° outlet, flush	Pack
0637 0 006-98	Compact Wall outlet 1xRJ45 -U/G	1 pc
0637 0 007-00	Compact Wall outlet 2xRJ45 -U/G	1 pc

Unshielded, 1 or 2 90° RJ45 outlets with shutters, flush mounting. Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Colour: white, RAL 9010. Delivery: not assembled.

Consisting of :

RJ45 Module (568A/B)	6540 1 200-01
25x50 mm Adapter	6540 1 801-00
Euro Faceplate	6540 1 808-00
for 1xRJ45 -> 25x50 mm blank insert	6540 1 801-01



Order No.	Module, 45° outlet, unshielded	Pack
6540 1 200-01	Compact Module RJ45 -U/S	1 pc
6540 1 802-00	Compact 45° Adapter	1 pc

Cat.5e according to EIA/TIA 568,  
Class D according to EN 50173 and ISO/IEC 11801



Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.

Order No.	Module, 90° outlet, unshielded	Pack
6540 1 200-01	Compact Module RJ45 -U/G	1 pc
6540 1 801-00	Compact 25x50 Adapter	1 pc

Cat.5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801, with coloured coding according to T568 A/B.



Order No.	Blank insert	Pack
6540 1 801-01	Compact 25x50 blank insert	1 pc

Covers the second place of the faceplate - necessary for 1xRJ45 wall outlets.

Order No.	Faceplate, Backbox	Pack
6540 1 808-00	Compact Euro Faceplate	1 pc
0637 0 006-57	Compact Backbox	1 pc

Colour: white, RAL 9010.





## Keystone Wall Outlets, Category 5e, unshielded

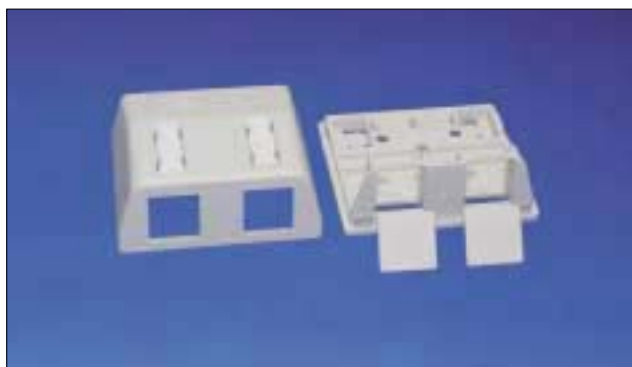
Order No.	Keystone Module RJ 45	Pack
6467 1 081-20	Keystone Module RJ45/UTP 568 A/B, ivory	1 pc
6645 1 160-01	Keystone Blank insert, ivory	1 pc

Unshielded, RJ45 Module. Cat.5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Colour: ivory, RAL 1013.



Order No.	2xRJ45 Wall outlet	Pack
6467 1 101-00	Keystone Wall outlet 1xRJxx, empty box, ivory	1 pc
6467 1 101-10	Keystone Wall outlet 1xRJxx, empty box, grey	1 pc
6467 1 102-00	Keystone Wall outlet 2xRJxx, empty box, ivory	1 pc
6467 1 102-10	Keystone Wall outlet 2xRJxx, empty box, grey	1 pc

Empty box for 2 pcs. Keystone RJ45 or RJ11 modules, surface mounting.  
Colour ivory - RAL 1013, white - RAL 9010.  
Dust covers for covering not used Ports.



Order No.	6xRJ45 Box, surface mounting	Pack
6644 2 101-01	Keystone Wall outlet 6xRJxx, empty, ivory	1 pc

Empty box for 6 pcs. Keystone RJ45 or RJ11 modules, surface mounting.  
Colour: white - RAL 9010.  
Dimensions: 90x151x40 mm (dxwxh)



Order No.	12xRJ45 Wall outlet	Pack
6644 1 157-01	Keystone Wall outlet 12xRJxx, without jacks, flush, ivory	1 pc
6644 3 000-28	Keystone backbox, ivory	1 pc

Wall outlet for 12 pcs Keystone RJ45 or RJ11 modules, flush mounting.  
Surface mounting with Keystone Backbox possible.  
Colour: ivory - RAL 1013.  
Dimensions (12xRJxx Wall outlet): 116x121 (dxw)  
Dimensions (Backbox): 121x126x45 mm (dxwxh)





## Consolidation Box, Category 5e, fully shielded and unshielded

Order No.	Fully shielded	Pack
6525 1 054-10	Consolidation Box 6xRJ45 -VS	1 pc
6525 1 055-10	Consolidation Box 12xRJ45 -VS	1 pc

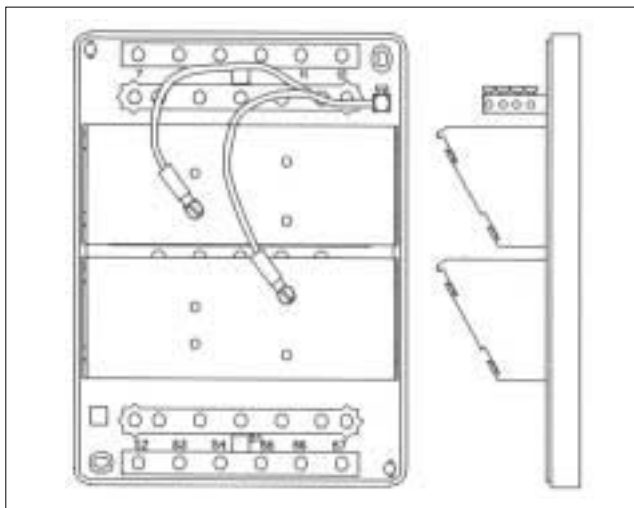
Connection boxes loaded with fully shielded RJ-K CL jacks. Used to provide transition point so that outlet positions can be moved frequently and efficiently without disturbing the horizontal cabling.

Box with turnbuckle locks (unlocking only possible with tool). Cable fixing with cable ties. Fully shielded RJ45 Modules with shutter (Compact Modules). Cat.5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Colour: light grey. Delivery not assembled. Protection: IP30.

Order No.	Unshielded	Pack
6525 1 056-10	Consolidation Box 6xRJ45 -U	1 pc
6525 1 057-10	Consolidation Box 12xRJ45 -U	1 pc

Connection boxes loaded with unshielded RJ-K CL jacks. Used to provide transition point so that outlet positions can be moved frequently and efficiently without disturbing the horizontal cabling.

Box with turnbuckle locks (unlocking only possible with tool). Cable fixing with cable ties. Unshielded RJ45 Modules with shutter (Compact-Modules). Cat. 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC. Colour: light grey. Delivery not assembled. Protection: IP30.



<b>Dimensions:</b>	height	210 mm
	width	160 mm
	depth	90 mm

**20 years PremisNET warranty** see chapter 7.



## Distribution Box, Category 5e, fully shielded and unshielded

Order No.	Fully shielded	Pack
6540 1 669-06	Distribution Box, 6xRJ45 -VS	1 pc
6540 1 669-08	Distribution Box, 8xRJ45 -VS	1 pc
6540 1 669-10	Distribution Box, 10xRJ45 -VS	1 pc
6540 1 669-12	Distribution Box, 12xRJ45 -VS	1 pc

The distribution box can be placed on the desktop. The small dimensions make it possible to connect multiple devices (telephone, computer, printer, etc.) in least space. Fully shielded RJ45 jacks (Compact modules), angled outlets, with shutters. Cat.5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Delivery: not assembled

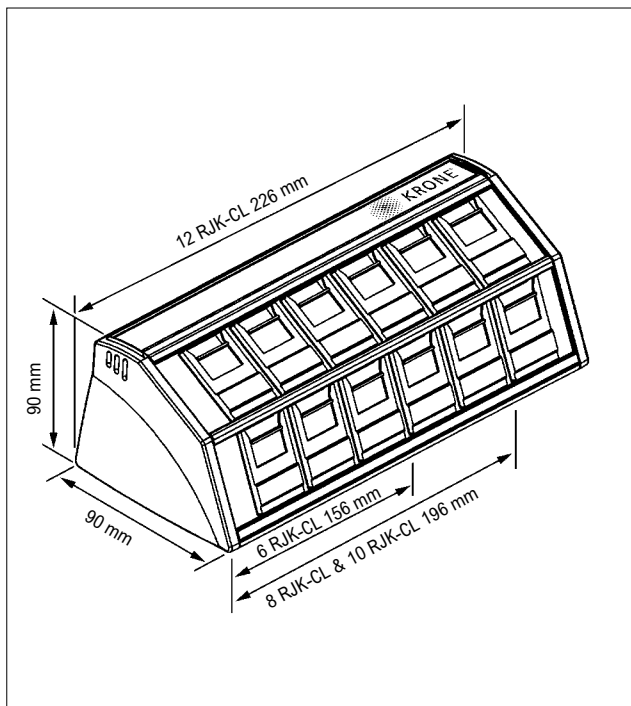
Housing: anodized Aluminium AA603 T6  
Endcaps: ABS - black J8358  
Label holder: PVC



Order No.	Unshielded	Pack
6540 1 668-06	Distribution Box, 6xRJ45 -U	1 pc
6540 1 668-08	Distribution Box, 8xRJ45 -U	1 pc
6540 1 668-10	Distribution Box, 10xRJ45 -U	1 pc
6540 1 668-12	Distribution Box, 12xRJ45 -U	1 pc

The distribution box can be placed on the desktop. The small dimensions make it possible to connect multiple devices (telephone, computer, printer, etc.) in least space. Unshielded RJ45 jacks (Compact-modules), angled outlets, with shutters. Cat.5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC 11801. Delivery: not assembled

Housing: anodized Aluminium AA603 T6  
Endcaps: ABS - black J8358  
Label holder: PVC



20 years PremisNET warranty see chapter 7.





## Patch Panels shielded

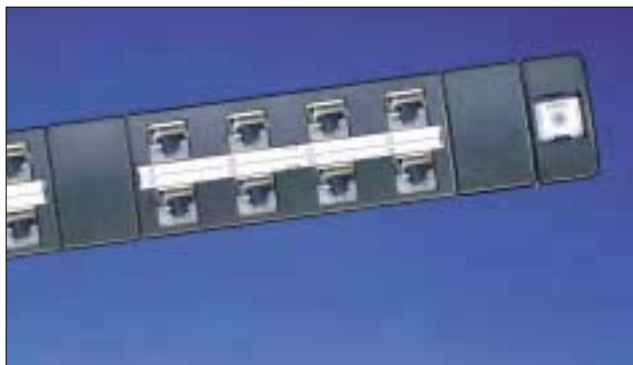
Order No.	Fully shielded, KM8 series Category 6	Pack
6690 1 441-16	Patch Panel KM8 16xRJ45-S, 568A/B	1 pc
6690 1 441-24	Patch Panel KM8 24xRJ45-S, 568A/B	1 pc

19"/1HE, separate fully shielded RJ45 Modules with common shield earthing.  
**Cat. 6 over 4 pairs.** Patch Panel complete with cable support bracket and fixing material.



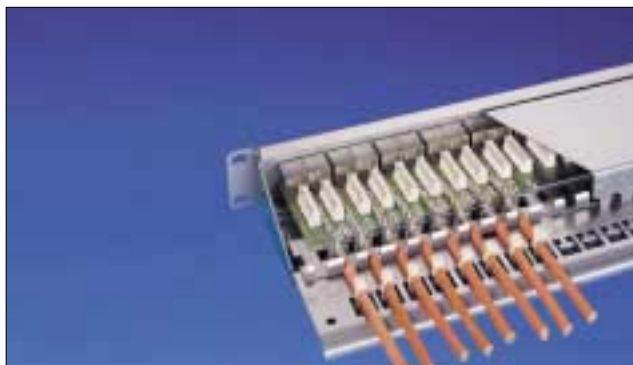
Order No.	Fully shielded, HK series Category 5e	Pack
6690 1 412-16	Patch Panel HK, 16xRJ45-VS, 568A/B	1 pc
6690 1 412-24	Patch Panel HK, 24xRJ45-VS, 568A/B	1 pc

19"/1HE, separate fully shielded RJ45 Modules with common shield earthing.  
Category 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC.  
Patch Panel complete with cable support bracket and fixing material.



Order No.	Fully shielded, PCB series Category 5e	Pack
7022 1 015-16	Patch Panel PCB, 16xRJ45-VS, 568A/B	1 pc
7022 1 015-24	Patch Panel PCB, 24xRJ45-VS, 568A/B	1 pc

19"/1HE, common fully shielded RJ45-Modules with common shield earthing.  
Category 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC. Version with LSA-PLUS PCB modules.  
Patch Panel complete with fixing material.



Order No.	Shielded, LN series Category 5e	Pack
6533 1 609-16	Patch Panel RJKLN 16xRJ45-S 568A/B	1 pc

19"/1HE, shielded RJ45-Modules with shutter and common shield earthing.  
Category 5e according to EIA/TIA 568, Class D according to EN 50173 and ISO/IEC  
Patch Panel complete with fixing material.





## Patch Panels unshielded

Order No.	Unshielded, KM8 series Category 6	Pack
6690 1 440-16	Patch Panel KM8 16xRJ45-U, 568A/B	1 pc
6690 1 440-24	Patch Panel KM8 24xRJ45-U, 568A/B	1 pc

19"/1HE, unshielded RJ45 Modules. Cat. 6 over 4 pairs.  
Patch Panel complete with cable support bracket and fixing material.



Order No.	Unshielded, Highway series Category 5e	Pack
6450 1 064-00	Patch Panel Highway, 16xRJ45-U, 568A/B, cable support bracket	1 pc
6450 1 065-00	Patch Panel Highway, 24xRJ45-U, 568A/B, cable support bracket	1 pc
6450 1 066-00	Patch Panel Highway, 32xRJ45-U, 568A/B, cable support bracket	1 pc

19"/1HE, unshielded RJ modules.  
Category 5e according EIA/TIA 568, Class D according EN 50173 and ISO/IEC.  
Patch Panel complete with cable support bracket and fixing material.



Order No.	25xRJ45, PCB series Category 3	Pack
7022 1 001-25	Patch Panel PCB 25xRJ45	1 pc

19"/1HE, RJ45 modules, Category 3 (for telephone).  
Patch Panel complete with fixing material.



Order No.	ISDN Patch Panel, PCB series	Pack
6527 1 714-24	Patch Panel ISDN, PCB 24xRJ45	1 pc

19"/1HE, RJ45 modules for 3x8 ISDN lines. 3 ISDN lines can be connected with LSA PCB modules or RJ45 modules (on the back) and are distributed to a maximum of 3 x 8 ISDN basic rate interfaces.  
Patch Panel complete with fixing material.





## Mounting aids, Cable support brackets

Order No.	Mounting aid for Patch Panels	Pack
6527 1 013-00	Patch Panel Mounting Aid	1 pc
6540 1 627-00	Support rail	1 pc

The mounting aid fixes all KRONE patch panels with 1U and 3U dimensions at the front of the 19" distributor during installation work.  
Support rail is needed when connecting modular patch panels.



Order No.	Patch cord minder Highway	Pack
6450 1 050-00	Patch cord minder Highway	1 pc

The cable guide is used for convenient arrangement and fixing of patch cords in the distributor.

Frontplate 19"/1HU with 4 pcs cable guides (6450 2 016-00).  
Designed for Highway, HK and KM8 Patch Panels



Order No.	Patch cord minder Standard	Pack
6690 1 263-30	Patch cord minder	1 pc

Frontplate 19"/1HU with 5 pcs cable guides (6690 3 033-00).





## Module racks, 19" Subracks

Order No.	Module rack	Pack
6690 1 300-00	Module rack 19"/3HU	1 pc

Maximum capacity:

12 pcs. Modules LSA-PROFILE or

19 pcs. LSA-PROFIL Module 2/10 series Link or

24 pcs. LSA-PROFIL NT Modules

Delivered as kit.



Order No.	Module rack series C1	Pack
6690 1 125-00	Module rack C1, 19"/3HE	1 pc
6690 1 126-00	LSA-PROFIL Earthing kit for Module rack C1	1 pc

LSA-PROFILE Earthing kit 6690 1 126-00 for earthing of the profile rods.

Maximum capacity:

19 pcs. LSA-PROFIL Module 2/10 series Link or

24 pcs. LSA-PROFIL NT Modules

Delivered as kit.



Order No.	19" Subrack for LSA-PLUS	Pack
6427 1 017-01	19" Subrack for LSA-PLUS, deep, 3HU, for 150 pairs	1 pc
6427 1 007-01	19" Subrack for LSA-PLUS, deep,, 4HU, for 180 pairs	1 pc
6427 1 001-01	19" Subrack for LSA-PLUS, standard, 3HU, for 150 pairs	1 pc
6427 1 016-01	19" Subrack for LSA-PLUS, standard, 4HU, for 180 pairs	1 pc

For LSA-PLUS-Modules 2/10, deep versions are recommended for 19"-distribution cabinets with doors.

Order No.	19" Subrack for LSA-PLUS	Pack
0637 0 008-60	19" Subrack for LSA-PLUS, deep, 1HU, for 60 pairs	1 pc

For 6 LSA-PLUS Modules 2/10, deep version for 19"-distribution cabinets with doors.





## LSA Distribution Panels

Order No.	Distribution Panel, switching module	Pack
6690 2 227-50	Distribution Panel 7SU/3HU-LSA-Sc, kit with switching module	1 pc

Consisting of LSA-PROFIL Switching module 2/10, cable support bracket, front panel 7SU/3HU- 5LSA.

Connects up to 20 pairs. The services are accessed via patch cords.

The distribution panel is used for telephone and unshielded data cabling.



Order No.	Distribution Panel, disconnection module	Pack
6690 2 227-51	Distribution Panel 7SU/3HU-LSA-Tr, kit with disconnection module	1 pc

Consisting of LSA-PROFIL Switching module 2/10, cable support bracket, front panel 7SU/3HU- 5LSA.

Connects up to 10 pairs. The services are accessed via patch cords.

The distribution panel is used for telephone and unshielded data cabling.



Order No.	LSA-PROFIL Disconnection module, LINK series	Pack
6089 1 121-30	LSA-PROFIL Disconnection module 2/10 LINK	10 pcs

For 10 pairs, without jumper wire guides.



Order No.	LSA-PROFIL Switching module, LINK series	Pack
6089 1 126-02	LSA-PROFIL Switching module 2/10 LINK	10 pcs

For 20 pairs, without jumper wire guides.



Order No.	LSA-PROFIL Earth module, LINK series	Pack
6089 1 130-00	LSA-PROFIL Earth module 2/10 LINK	1 pc

For 34 earth wires, without jumper wire guides.

Earthing cable 250 mm, colour red.



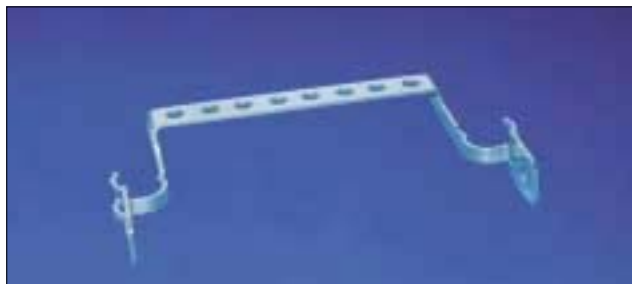




## Accessories

Order No.	LSA-PROFIL Cable support bracket	Pack
6619 2 040-00	LSA-PROFIL Cable support bracket 2/10	10 pcs

Bracket for fixing cables with cable ties.  
Mounting depth: 35mm



Order No.	Front plate for Distribution Panel	Pack
6690 1 363-00	Blank Front Plate 7SU/3HU-LSA	1 pc

Dimensions 7SU x 3HU, colour RAL 7032 (grey)  
Consisting of :  
Front plate, label holder with label, screws.



Order No.	Blank Front Plate for Module Rack	Pack
6690 1 165-00	Blank Front Plate 7SU/3HU-K	10 pcs

Dimensions 7SU x 3HU, colour RAL 7032 (grey)  
Consisting of :  
Blank front plate, label holder with label, screws.



Order No.	Label	Pack
6690 2 062-00	Label for Front Plates	100 pcs

For new identification text for front plates.  
The label is inserted into the label holder on the front plate.



Order No.	Holder for cable guide or for fixing hardware on profile system	Pack
6690 2 101-00	LSA-PROFIL holder	10 pcs

Accommodates the cable guide GF/Cu-60.  
Designed for use in profile rod systems (mounting dimension: 95mm), e.g.,  
19" module racks.





## Patch Cords for LSA and RJ45

Order No.	Shielded, RJ45-RJ45, Cat. 6	Pack
6830 2 865-02	Patch cord KM8,Kat.6,STP,or, 0,5m	1 pc
6830 2 865-04	Patch cord RJ45-RJ45,STP,gr, 1m	1 pc
6830 2 865-07	Patch cord RJ45-RJ45,STP,gr, 2m	1 pc
6830 2 865-10	Patch cord RJ45-RJ45,STP,gr, 3m	1 pc
6830 2 865-15	Patch cord RJ45-RJ45,STP,gr, 5m	1 pc

Shielded Category 6 patch cords with two RJ45 HQ plugs according to IEC 603-7. Injection molded bend protection and integrated protection for the RJ45 locking. Category 6 flexcord AWG 26 with foil- and braid-shielding.

Connections: 1:1



Order No.	Unshielded, RJ45-RJ45, Cat. 6	Pack
6830 2 805-02	Patch cord KM8,Kat.6,UTP,or, 0,5m	1 pc
6830 2 805-04	Patch cord KM8,Kat.6,UTP,or, 1m	1 pc
6830 2 805-07	Patch cord KM8,Kat.6,UTP,or, 2m	1 pc
6830 2 805-10	Patch cord KM8,Kat.6,UTP,or, 3m	1 pc
6830 2 805-15	Patch cord KM8,Kat.6,UTP,or, 5m	1 pc

Unshielded Category 6 patch cords with two RJ45 HQ plugs according to IEC 603-7. Injection molded bend protection and integrated protection for the RJ45 locking. Category 6 flexcord AWG 26.

Connections: 1:1



Order No.	Shielded, RJ45-RJ45, Cat. 5e	Pack
6691 2 015-04S	Patch cord RJ45-RJ45,STP,gr, 1m	1 pc
6691 2 015-02S	Patch cord RJ45-RJ45,STP,gr, 1.5m	1 pc
6691 2 015-08S	Patch cord RJ45-RJ45,STP,gr, 2m	1 pc
6691 2 015-05S	Patch cord RJ45-RJ45,STP,gr, 3m	1 pc
6691 2 015-06S	Patch cord RJ45-RJ45,STP,gr, 5m	1 pc

Shielded Category 5e patch cords with two RJ45 HQ plugs according to IEC 603-7. Injection molded bend protection and integrated protection for the RJ45 locking. Category 5 flexcord AWG 26 with foil- and braid-shielding.

Connections: 1:1



Other patch cords for patching LSA-PLUS to RJ45/RJ11  
see chapter 1 - page 33, 34.



## Installation Cables

Order No.	Cable 1000 MHz, shielded	Pack
0637 0 010-47	Cable Cat.7,S-FTP, NKT, XLAN-1000 C/STP 22-4P	1000 m

with shielded pairs and overall shielding, foil- and braid- shielded, 2x4xAWG22 (solid conductor), optimized twisted pairs.  
Insulation: Foam skin, yellow PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Halogen-free version also available.  
Weight: 100 kg / 1 km

Order No.	Cable 600 MHz, shielded	Pack
0637 0 010-48	Cable Cat.7,S-FTP, NKT, XLAN-600 C/STP 23-4P	1000 m

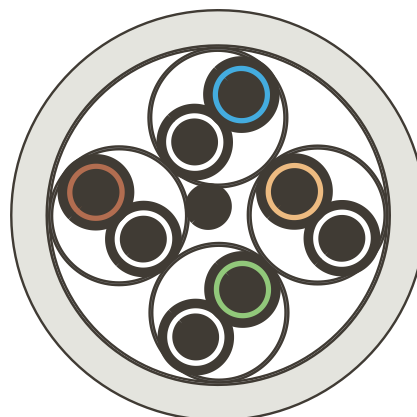
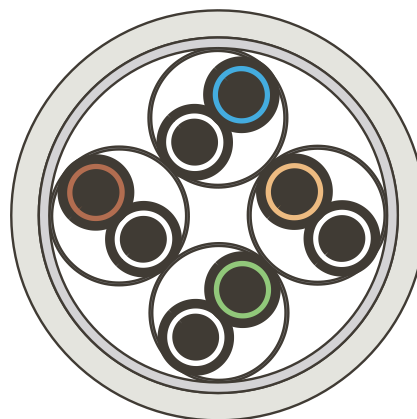
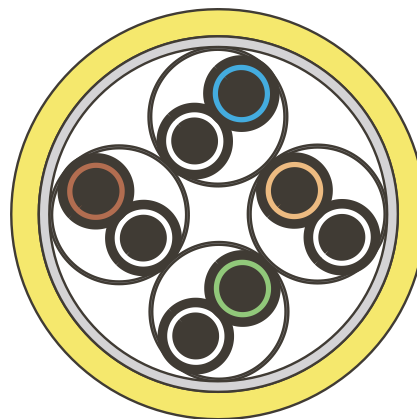
with shielded pairs and overall shielding, foil- and braid- shielded, 2x4xAWG23 (solid conductor), optimized twisted pairs.  
Insulation: Foam skin, beige PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Halogen-free version also available.  
Weight: 78 kg / 1 km

Order No.	Cable 300 MHz, shielded	Pack
0637 0 010-40	Cable Cat.6,S-FTP, NKT, XLAN-300 C/STP 23-4P	1000 m

with shielded pairs and overall shielding, foil- and braid- shielded, 2x4xAWG23 (solid conductor), optimized twisted pairs.  
Insulation: Foam skin, grey PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Halogen-free version also available.  
Weight: 78 kg / 1 km

Order No.	Cable 300 MHz, shielded	Pack
0637 0 010-50	Cable Cat.6,S-FTP, simple, NKT, XLAN-300 S/STP 24-4P	1000 m

with shielded pairs and overall shielding, foil-shielded, 2x4xAWG24 (solid conductor), optimized twisted pairs.  
Insulation: Foam skin, grey PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Halogen-free version also available.  
Weight: 56 kg / 1 km





## Data Cables

Order-No.	Cable 250 MHz, shielded	Pack
0637 0 010-51	Cable-Cat.6,FTP, single, NKT, XLAN-250 SC/UTP 24-4P	1000 m

with overall shielding, foil- and braid- shielded, 2x4xAWG24 (solid conductor), optimated twisted pairs.  
Insulation: Foam skin, beige PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Also halogenfree version available.  
Weight: 48 kg / 1 km

Order-No.	Cable-Cat.6,STP, single, NKT, XLAN-250 S/UTP 24-4P	Pack
0637 0 010-52		1000 m

with overall shielding, foil- shielded, 2x4xAWG24 (solid conductor), optimated twisted pairs.  
Insulation: Foam skin, beige PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Also halogenfree version available.  
Weight: 43 kg / 1 km

Order-No.	Cable 155 MHz, shielded	Pack
0637 0 010-53	Cable-Cat.5e,FTP, single, NKT, XLAN-155 SC/UTP 24-4P	1000 m

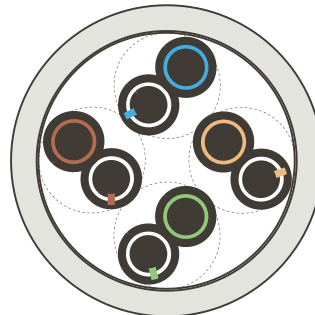
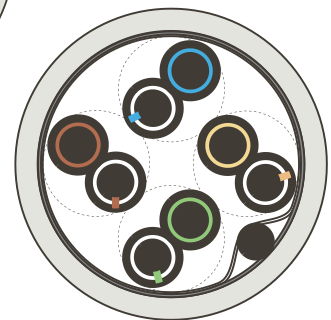
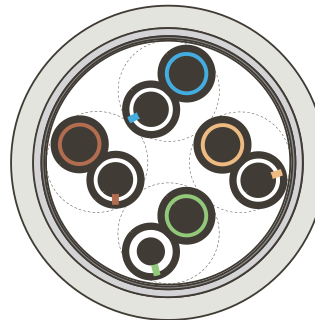
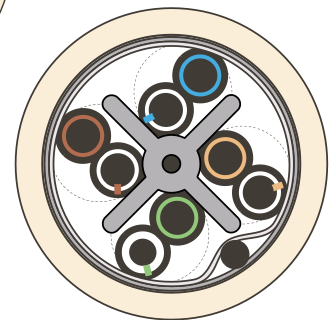
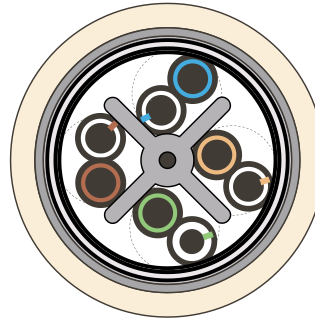
with overall shielding, foil- and braid- shielded, 2x4xAWG24 (solid conductor), optimated twisted pairs.  
Insulation: Foam skin, light grey PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Also halogenfree version available.  
Weight: 48 kg / 1 km

Order-No.	Cable-Cat.5e,STP, single, NKT, XLAN-155 S/UTP 24-4P	Pack
0637 0 010-54		1000 m

with overall shielding, foil- shielded, 2x4xAWG24 (solid conductor), optimated twisted pairs.  
Insulation: Foam skin, light grey PVC-coat, foil-shield in itself closed.  
Colour coding accord. to IEC 708. Also halogenfree version available.  
Weight: 43 kg / 1 km

Order-No.	Cable 155 MHz, unshielded	Pack
0637 0 010-55	Cable-Cat.5e,UTP, single, NKT, XLAN-155 UTP 24-4P	1000 m

unshielded, 2x4xAWG24 (solid conductor), optimated twisted pairs.  
Insulation: Foam skin, light grey PVC-coat. Colour coding according to IEC 708. Also halogenfree version available.  
Weight: 36 kg / 1 km





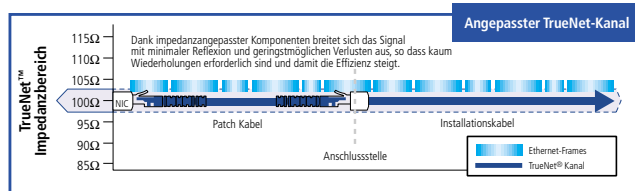
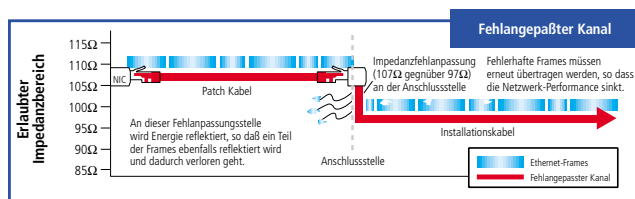
## TrueNET Technology

Impedance, the key-word:

### Only the TrueNet™ Impedance-matched System Protects Network Performance.

Networks for today's business environment need to be fast and efficient. But implementing the current breed of Fast Ethernet networks is a big commitment.

**Transmission Problems Occur when There is an Impedance Mismatch**  
Network designers have always known that impedance is important - that's the reason for the long-established standard impedance value of 100 (+/-15) ohms for network components. But the new tests show that this "acceptable" range may be too great.



Impedance-matched components allow your data to travel throughout the network with minimum reflections and loss.

Effect of data re-transmission on network throughput :

Maximum Percent of re-transmissions	Data rate
0%	100 Mbit/s
1%	20 Mbit/s
2%	4 Mbit/s
3%	0.8 Mbit/s
4%	0.16 Mbit/s
5%	0.032 Mbit/s

Effect of data re-transmission on network throughput - 80% degradation from only 1% re-transmission.

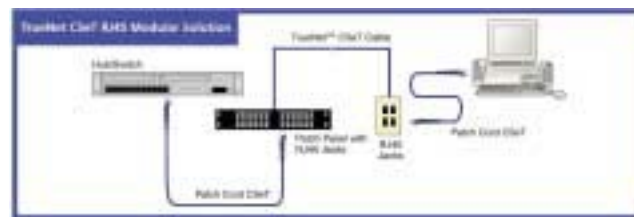
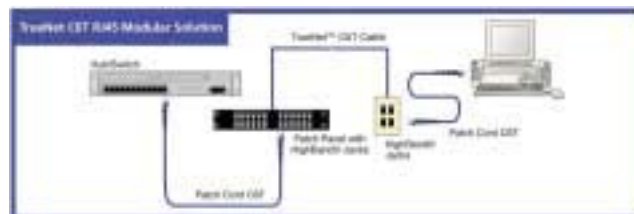
### Only the TrueNET™ Technology Addresses The Impedance Mismatch Problem

Most users don't test their structured cabling as a channel. Instead, it is tested as a link by the cable installer (channel minus patch cables), and the user (or the integrator) must purchase the patch cables. If the patch cables don't match the horizontal cable electrically, network throughput can be impeded. Based on our research, a patch cable to horizontal cable differential impedance tolerance of 100 (3) ohms ensures that data errors and re-transmissions will be kept to a minimum, to maximize network throughput.

As a result, KRONE developed a patent-pending technology in our TrueNet cable products which maintains this high degree of impedance matching. Each pair is specifically tuned to conform to 100 (3) ohms differential impedance. To complement the TrueNet Technology, KRONE components are tuned to maximize the benefits of impedance matching in the cable.

#### Summary:

As a network user, your best assurance of an impedance-matched installation is to specify TrueNet components: jacks, horizontal cable, patch panels and patch cords.



TrueNET - exclusively from KRONE,  
Your expert for data cabling

KRONE is the only one offering cabling systems and having dealt with the practical problems of data throughput in an active network.





## TrueNET Cables, Patch Cords

Order No.	Cable Category 5eT, unshielded	Pack
TN5ETR-GYRB	Cable Cat.5eT, UTP, PVC, grey, Reel in box	305 m

ZERO-BIT-ERROR-RATE with TrueNET. This is achieved by precisely coordinated pairs with Impedance tolerances of  $\pm 3$  Ohms instead of  $\pm 15$  Ohms as it is required in the wiring standard.

Order No.	Cable Category 5eT, unshielded	Pack
TN5ETR-BLRB	Cable Cat.5eT, UTP, PVC, blue, Reel in box	305 m

ZERO-BIT-ERROR-RATE with TrueNET. This is achieved by precisely coordinated pairs with Impedance tolerances of  $\pm 3$  Ohms instead of  $\pm 15$  Ohms as it is required in the wiring standard.



Order No.	Patchcord Category 5eT	Pack
7052 1 180-07	Patch cord 5eT, UTP, blue, 2.1m	1 pc
7052 1 180-10	Patch cord 5eT, UTP, blue, 3.1m	1 pc
7052 1 180-15	Patch cord 5eT, UTP, blue, 4.6m	1 pc
7052 1 180-25	Patch cord 5eT, UTP, blue, 7.7m	1 pc
7052 1 180-50	Patch cord 5eT, UTP, blue, 15 m	1 pc

ZERO-BIT-ERROR-RATE with TrueNET. This is achieved by precisely coordinated pairs with Impedance tolerances of  $\pm 3$  Ohms instead of  $\pm 15$  Ohms as it is required in the wiring standard.



Further TrueNET cables and patch cords on request.