

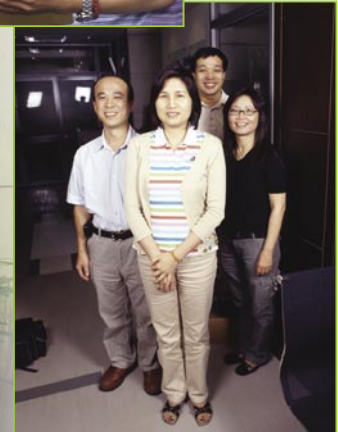


Telebox Catalog



About Telebox

- Located in Hsichih-Taipei, Taiwan, an **engineering** oriented **manufacturer** since 1987.
- Design and manufacture of data and voice connectors, cable assembly, video balun, and **OEM** projects.
- Focus on **customers satisfaction** in product quality, on time delivery, and service.
- Build up long term **partnership** and **cooperation** with customers and suppliers.



TELEBOX INDUSTRIES CORP.
浩陽工業股份有限公司

Entwicklung
開發

Fertigung
生產

Partner
合作

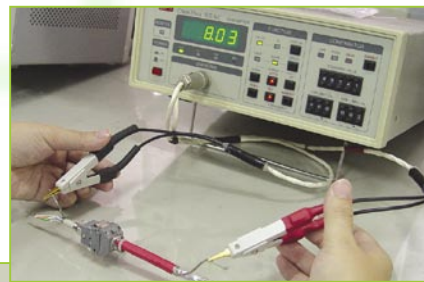
Für Kunden
服務



Development & Testing

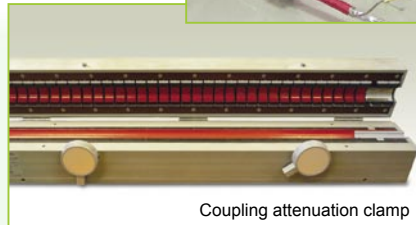
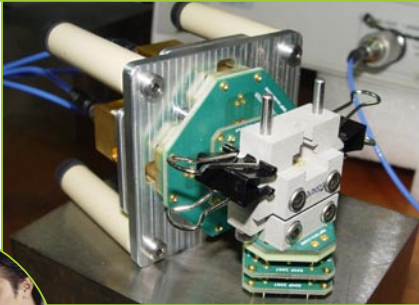


Transfer Impedance

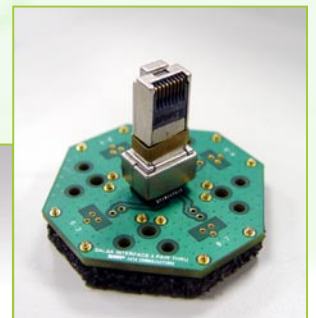


Programmable Milli-Ohm meter

Balun Test Head Assy + Direct Fixture



Coupling attenuation clamp



Salsa Plug



Fluke ANEXT Analyzer



Fluke lab adapter



Rapid prototyping
(16 microns two ways)



Video measuring microscope



Quality Control



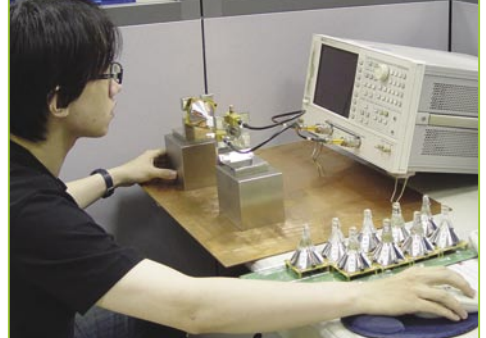
Color matching test Sphere Spectrophotometer



TÜV ISO 14001:2004 Certificate



TÜV ISO 9001:2000 Certificate



Performance test HP Network Analyzer



X-Ray RoHS Detector

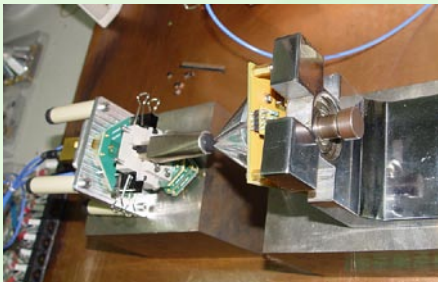
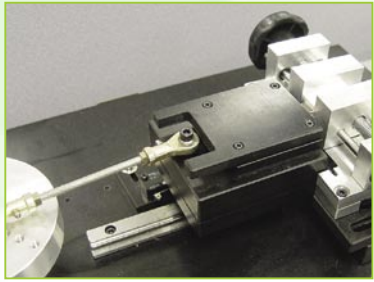
Low frequency NWA for video system



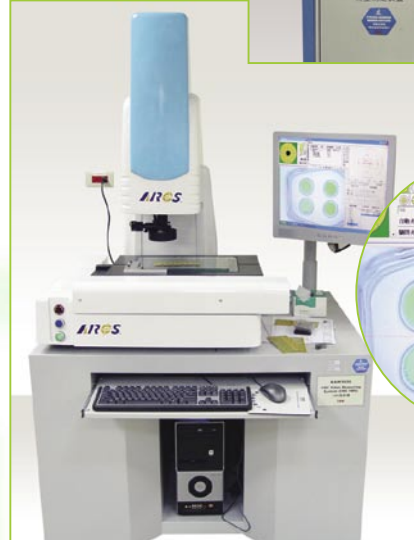
Push pull gauge



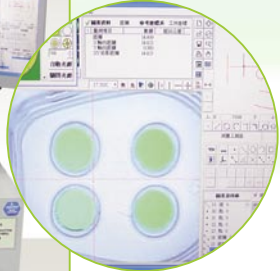
Mating cycle tester

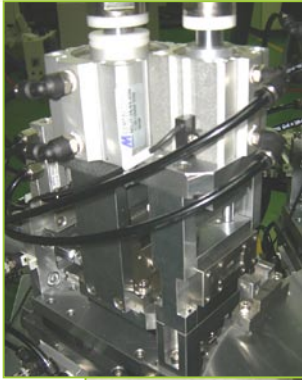


Cat.6A test unit



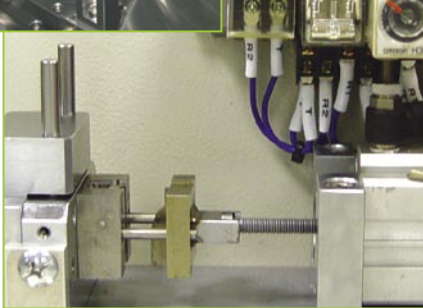
CNC Video Measuring System (CNC VMS)





Jack contact insert

Production & Total Process



PCB press-fit



Contact pre-insert



Factory verification



Plug housing assembly



Conductivity test



Lead-free wave soldering



Contact pin insert



De-humidity storage

Cat.6 Connecting Hardware/Cat.6A 10G



Factory Full Compliance !

STP 24 ports Patch Panel



Compliance Statement

Screened Category 6
ISO/IEC, EN & TIA/EIA Connecting Hardware

Telebox Identification P/N LP2461Sx
Category 6, Screened, Patch Panel
Electrical Transmission Performance

Telebox Industries Corp.
4F, No. 306, Tatung Road, Sec. 1
Hsichih-Taipei 221, Taiwan, R.O.C.

Compliance Statement No. 107374

This Screened RJ 45 Patch Panel with barrel identification "Cat.6 10G/100T-CV-1P/90" has been tested by 3P Third Party Testing and complies with the Category 6 transmission requirements of 2nd edition ISO/IEC Generic Cabling Standard 11801, EN50173 Generic Cabling Standard EN 50173-1, ANSI/TIA/EIA Generic Cabling Standard 568-B.2.1 and IEC Connecting Hardware Standard 60603-7-5. The qualification activity includes factory and assembly line inspection and passing of metal pair requirement using the complete specified Category 6 de-embedded NEXT range of RJ 45 plugs. The Compliance Statement may be suspended or withdrawn if the modular jack fails to pass a Maintenance Testing performed at 12 month intervals.

Hoersholm, 20 June 2007

Ole Lambertsen

Ole Lambertsen
Test Responsible

Hoersholm, 20 June 2007

Poul Villen

Poul Villen
Coordinating Manager

Independent Testing - For End User Confidence



LP2461SX

Specification:

Screened Category 6 Connecting Hardware

According to: TIA/EIA -568-B.2-1

IEC 60603-7-5

ISO/IEC 11801 2nd edition

Screened Category 6A

According to: TIA/EIA -568-B.2-10

IDC Termination for Cable: AWG22/1-26/1 solid wire

Summarized Results of Attenuation Measurements from 1 MHz to 250

PAIR	MAX. ATTENUATION (dB) ¹					ATTENUATION MARGIN TO LIMIT (%) ¹
	1 MHz	10 MHz	100 MHz	200 MHz	250 MHz	
1/2	0,00	0,00	0,05	0,09	0,09	66
3/6	0,00	0,01	0,05	0,10	0,13	59
4/5	0,00	0,01	0,07	0,12	0,14	53
7/8	0,00	0,00	0,05	0,11	0,15	54
Specified	0,10	0,10	0,20	0,28	0,32	0



Summarized Results of Pair - Pair Near End Crosstalk Measurements from 1 MHz to 250 MHz

COMBINATION OF PAIRS	PAIR - PAIR NEXT MARGIN TO LIMIT (dB) ²		
	Low Limit Plug	Central limit plug	High Limit Plug
1/2 - 3/6	4,1 (3,2)	- (-)	10,1 (10,7)
1/2 - 4/5	2,6 (2,6)	- (-)	13,5 (14,8)
1/2 - 7/8	4,9 (7,7)	- (-)	- (-)
3/6 - 4/5	1,3 (2,2)	5,6 (3,6)	3,8 (3,0)
3/6 - 7/8	2,6 (4,1)	- (-)	4,5 (7,4)
4/5 - 7/8	1,0 (2,2)	- (-)	4,7 (7,3)



Summarized Results of Pair - Pair Far End Crosstalk Measurements from 1 MHz to 250 MHz

COMBINATION OF PAIRS	PAIR - PAIR FEXT MARGIN TO LIMIT (dB) ^{1,2}
1/2 - 3/6	14,7 (14,7)
1/2 - 4/5	11,8 (12,7)
1/2 - 7/8	34,4 (27,8)
3/6 - 4/5	4,1 (4,3)
3/6 - 7/8	18,3 (16,4)
4/5 - 7/8	16,1 (15,8)

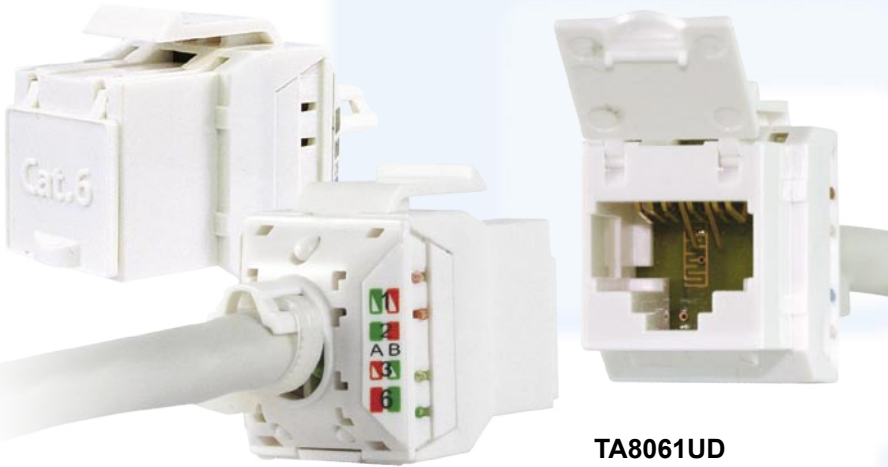


Cat.6 Connecting Hardware/Cat.6A 10G



Factory Full Compliance !

UTP Rear Connect Keystone Jack



TA8061UD

3P
THIRD PARTY TESTING

Compliance Statement

**Unscreened Category 6
ISO/IEC, EN & TIA/EIA Connecting Hardware**

Telebox Identification P/N TA8061UX
Category 6, Unscreened, Keystone Jack
Electrical Transmission Performance

Telebox Industries Corp.
4F, No. 306, Tatung Road, Sec. 1
Hsichih-Taipei 221, Taiwan, R.O.C.

Compliance Statement No. 1073734

This unscreened RJ 45 keystone jack with board identification "101-8077-CB-KC-01-KC33-1100" has been tested by 3P Third Party Testing and complies with the Category 6 transmission requirements of 2nd edition ISO/IEC Generic Cabling Standard 11801, EN50173, ANSI/TIA/EIA Generic Cabling Standard EN 50173-1, ANSI/TIA/EIA Generic Cabling Standard 568-A, 568-B, 568-C, and IEC Connecting Hardware Standard 60603-7-4. The qualification activity includes factory and assembly line inspection and passing of mixed pair requirement using the complete specified Category 6 shielded NEXT range of RJ 45 plugs. The Compliance Statement may be requested or withdrawn if the keystone jack fails to pass a Maintenance Testing performed at 12 month intervals.

Hoersholm, 11 July 2007 Hoersholm, 11 July 2007

Ole Lambertsen Paul Villien
Test Responsible Coordinating Manager

Independent Testing - For End User Confidence

Specification:

Unscreened Category 6 Connecting Hardware

According to: TIA/EIA -568-B.2-1

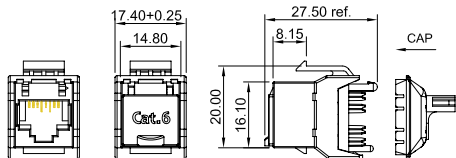
IEC 60603-7-4

ISO/IEC 11801 2nd edition

Unscreened Category 6A

According to: TIA/EIA -568-B.2-10

IDC Termination for Cable: AWG 23-24/1 solid wire and
AWG 24-27/7 stranded wire



Cat.6 NEXT (C.H.)

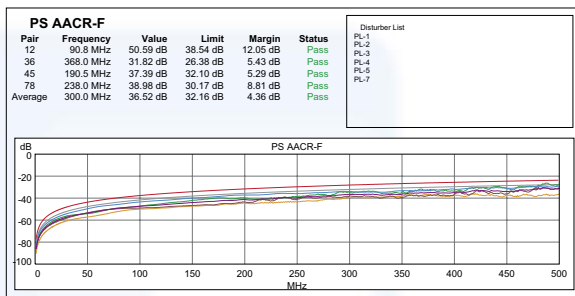
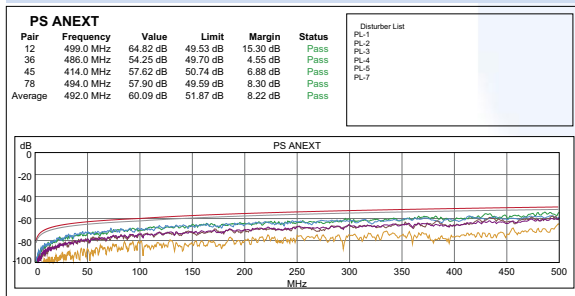
Summarized Results of Pair - Pair Near End Crosstalk Measurements from 1 MHz to 250 MHz

COMBINATION OF PAIRS	PAIR - PAIR NEXT MARGIN TO LIMIT (dB) ^{1,2}		
	Low Limit Plug	Central limit plug	High Limit Plug
1/2 - 3/6	4,3 (4,9)	- (-)	5,7 (14,9)
1/2 - 4/5	1,7 (4,1)	- (-)	9,3 (26,0)
1/2 - 7/8	3,4 (5,0)	- (-)	- (-)
3/6 - 4/5	0,0 (0,1)	2,6 (0,6)	8,7 (2,4)
3/6 - 7/8	5,1 (8,5)	- (-)	2,2 (2,5)
4/5 - 7/8	7,1 (5,9)	- (-)	7,4 (8,2)

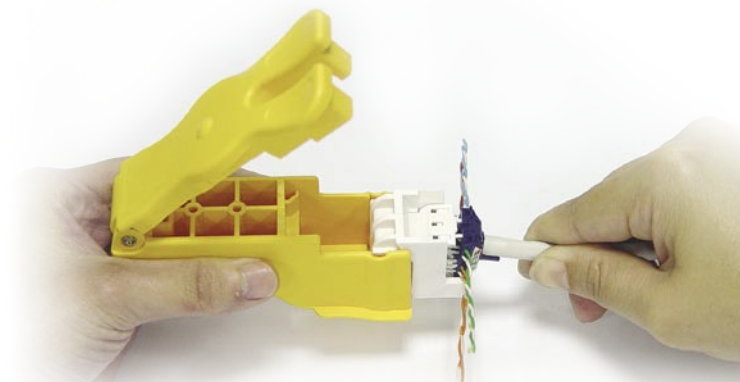
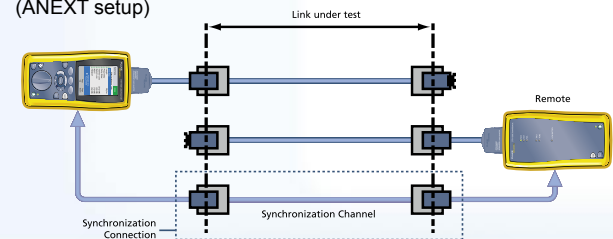
Cat.6A ANEXT + AACR-F (P.Link)

Cable ID: PL-6 (End 1)
Date / Time: 01/04/2008 11:14:12am
Test Limit: TIA Cat 6A PL dr 8.0
Measurement Bias Correction: On

TBX Operator: Sam
Overall Status: **Pass**
SW Version: 2.31



(ANEXT setup)



Cat.6 Connecting Hardware/Cat.6A 10G

Keystone Jack

Specification:

Unshielded Category 6 / Screened Category 6

According to: TIA/EIA -568-B.2-1

IEC 60603-7-5 (Shielded)

IEC 60603-7-4 (Unshielded)

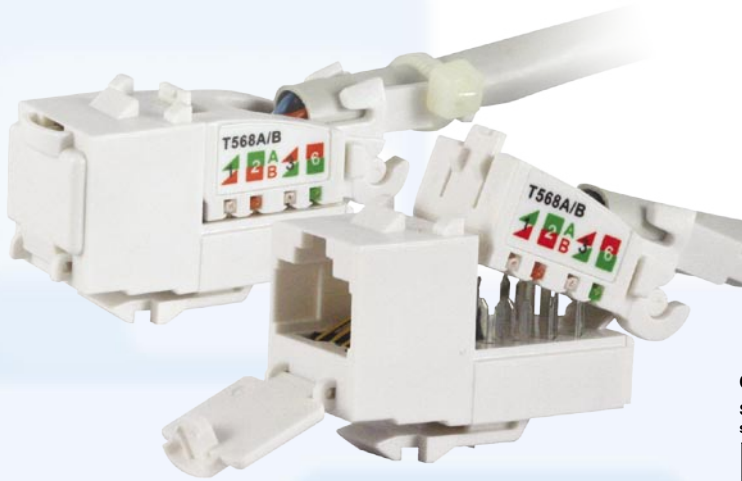
ISO/IEC 11801 2nd edition

Unshielded Category 6A / Screened Category 6A

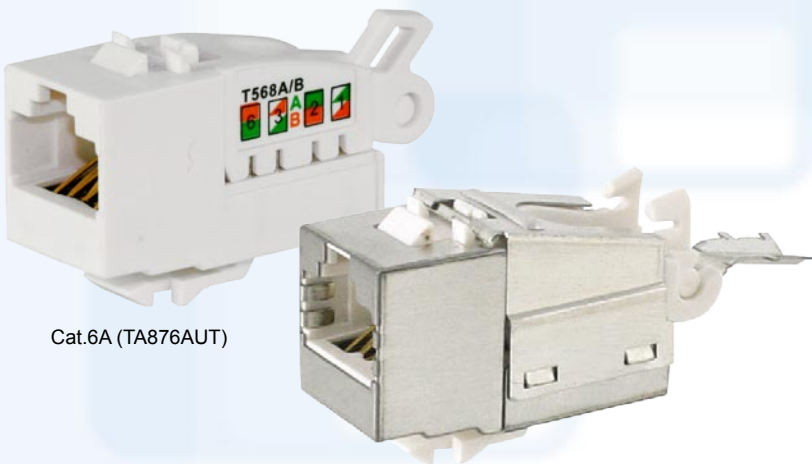
According to: TIA/EIA -568-B.2-10

IDC Termination for Cable: AWG 23-24/1 solid wire and

AWG 24-27/7 stranded wire



Cat.6 Connecting Hardware (TA8761UD)

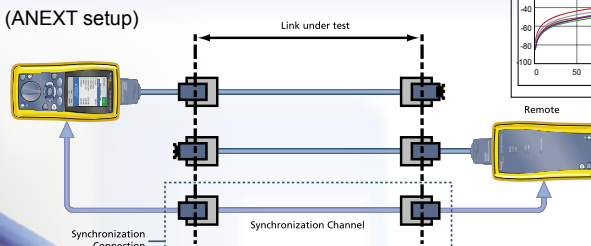


Cat.6A (TA876AUT)

Cat.6A (TA876AST)



(ANEXT setup)



Factory Full Compliance !



Compliance Statement

**Unshielded Category 6
ISO/IEC, EN & TIA/EIA Connecting Hardware**

Telebox Identification P/N TA8761Ux
Category 6, Unshielded, Keystone Jack
Electrical Transmission Performance

Telebox Industries Corp.
4F, No. 306, Tatung Road, Sec. 1
Hsichih-Taipei 221, Taiwan, R.O.C.

Compliance Statement No. 107381

The unshielded RJ 45 keystone jack with board identification "001-57604 Cx 301 1F100" has been tested by 3P Third Party Testing and complies with the Category 6 transmission requirements of 2nd edition ISO/IEC General Cable Standard 11801, CECC/ET General Cable Standard EN 50173-1, ANSI/TIA/EIA General Cable Standard 568-B.2-1 and IEC Connecting Hardware Standard 60603-7-4. The qualification activity includes factory and assembly line inspection and passing of metal part requirements using the complete specified Category 6 die-embedded NEXT range of RJ 45 plugs. This Compliance Statement may be suspended or withdrawn if the keystone jack fails to pass a Maintenance Testing performed at 12 month intervals.

Hoersholm, 16 October 2007Hoersholm, 16 October 2007

Ole Lambertsen
Test ResponsiblePaul Villien
Coordinating Manager

Independent Testing - For End User Confidence

Cat.6 NEXT (C.H.)

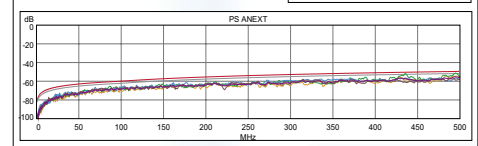
Summarised Results of Pair - Pair Near End Crosstalk Measurements from 1 MHz to 250 MHz

COMBINATION OF PAIRS	PAIR - PAIR NEXT MARGIN TO LIMIT (dB) ^{1,2}		
	Low Limit Plug	Central limit plug	High Limit Plug
1/2 - 3/6	5,0 (4,1)	- (-)	3,9 (4,4)
1/2 - 4/5	6,4 (10,3)	- (-)	6,9 (5,6)
1/2 - 7/8	7,4 (5,1)	- (-)	- (-)
3/6 - 4/5	5,0 (4,8)	5,4 (14,5)	3,5 (8,7)
3/6 - 7/8	7,2 (7,6)	- (-)	3,8 (6,6)
4/5 - 7/8	1,9 (3,2)	- (-)	6,6 (9,3)

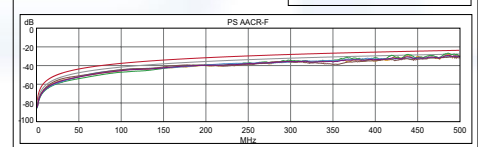
Cat.6A ANEXT + AACR-F (P.Link)

Cable ID: TA876AUX (ADC KRONE-UTP) (End 1) Overall Status: **Pass**
 Date / Time: 10/26/2007 01:13:59pm TBX
 Test Limit: TA Cat.6A PL of 8.0 Operator: David SW Version: 2.31
 Measurement Bias Correction: On

Pair	Frequency	Value	Limit	Margin	Status
12	428.0 MHz	54.74 dB	50.53 dB	4.21 dB	Pass
36	436.0 MHz	51.99 dB	50.41 dB	1.59 dB	Pass
45	161.5 MHz	61.63 dB	56.88 dB	4.75 dB	Pass
78	315.0 MHz	58.28 dB	52.53 dB	5.75 dB	Pass
Average	465.0 MHz	55.31 dB	51.93 dB	3.47 dB	Pass



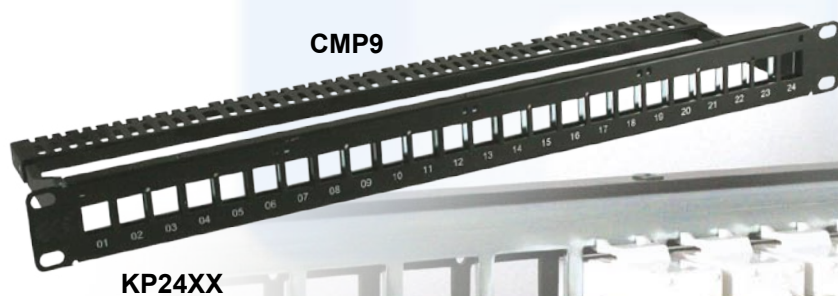
Pair	Frequency	Value	Limit	Margin	Status
12	110.0 MHz	44.29 dB	36.87 dB	7.41 dB	Pass
36	297.0 MHz	34.19 dB	28.24 dB	5.94 dB	Pass
45	110.5 MHz	43.79 dB	36.63 dB	6.86 dB	Pass
78	243.3 MHz	55.94 dB	50.01 dB	5.94 dB	Pass
Average	108.0 MHz	44.73 dB	41.03 dB	3.70 dB	Pass



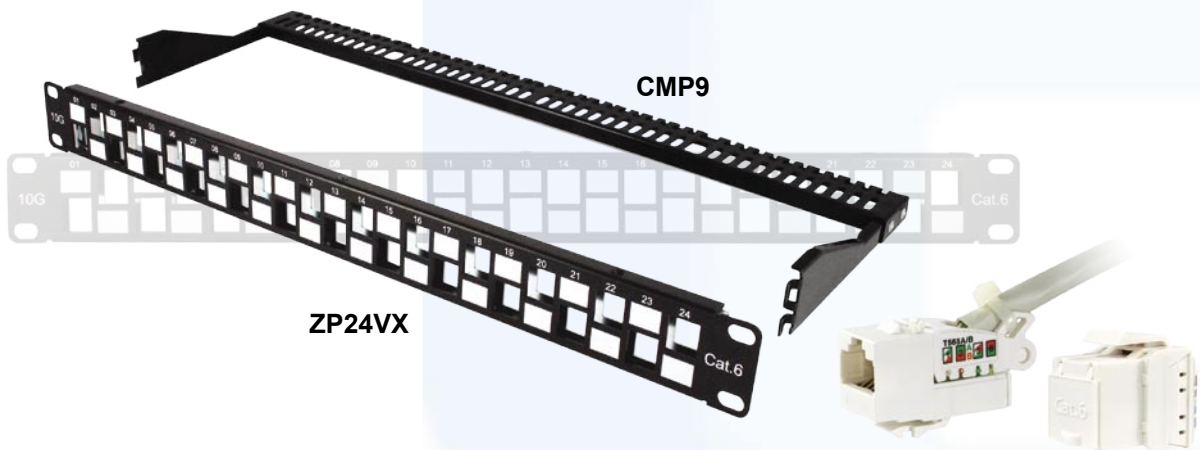
FLUKE NETWORKS

Keystone Panel

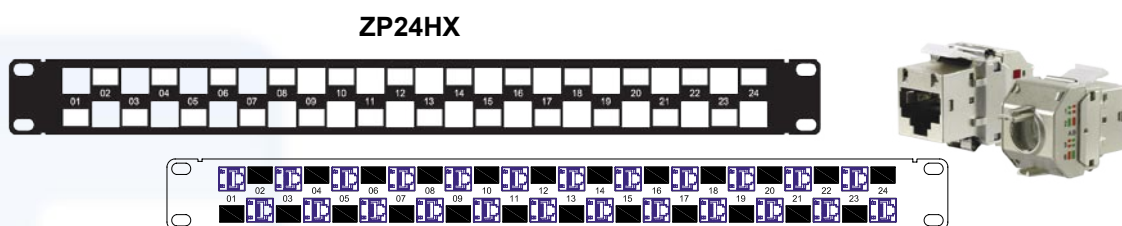
■ Keystone Panel for TA87 Family & TA80 UTP



■ Zigzag Keystone Panel for Cat.6A 10G Solution

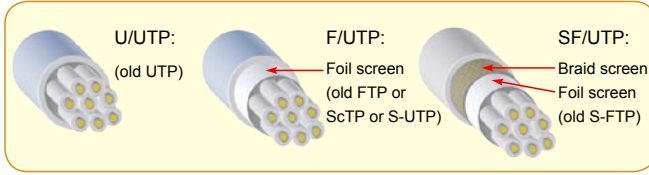


■ Keystone Panel for TA80 Family

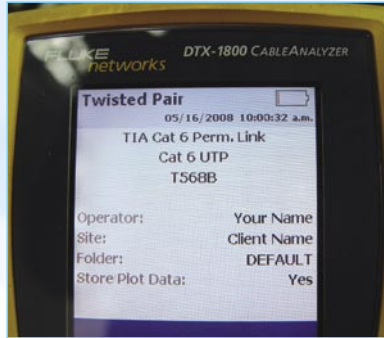
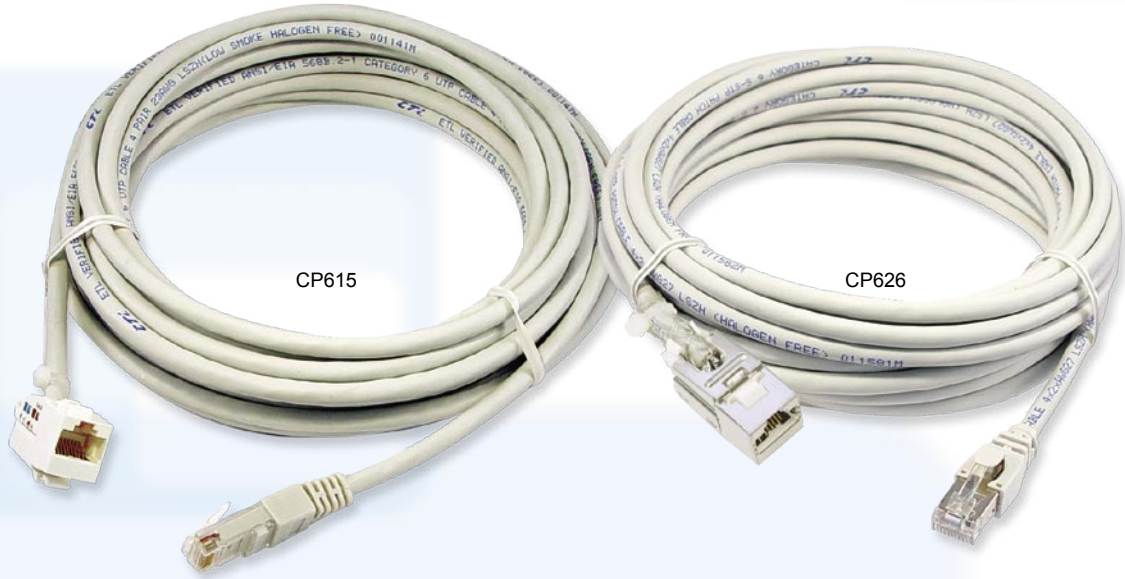
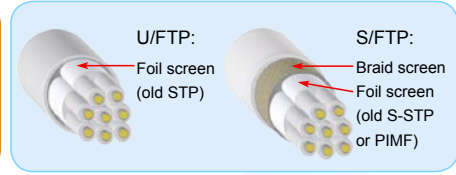


Consolidation Point Cable

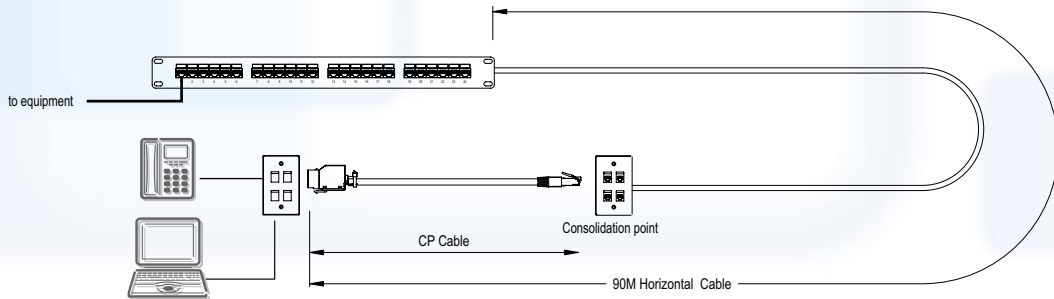
Unshielded Cable



Shielded Cable



Sample TA876AUT	NEXT Headroom
1	4.8dB
2	4.8dB
3	4.7dB
4	4.7dB
5	4.8dB
6	4.7dB
7	4.7dB
8	4.7dB
9	5.0dB
10	4.9dB



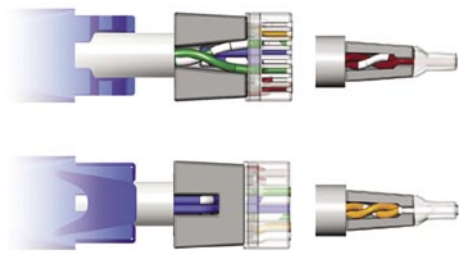
Note: To reduce the effects of multiple connections in close proximity, the CP should be located at least 15 meters from the HC(FD).

Cat.6 Plug & Patch Cord

Cat.6 Plug

- * Field assembly RJ45 UTP/STP plug for AWG 23-24/1 solid wire and AWG 24-27/7 stranded wire
- * For construction of better Cat.6 patch cords
- * Providing more headroom for Cat.6 Connecting Hardware performance

TA3368-DU

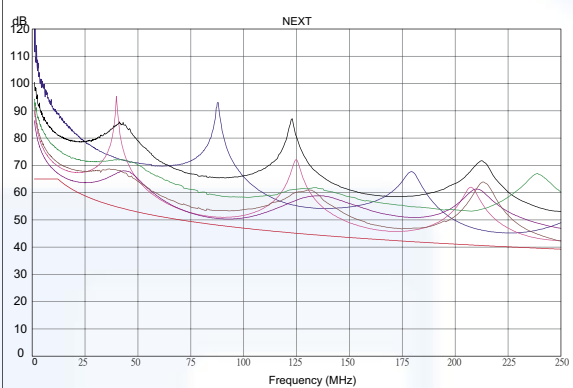


TA3368-DS



TA33-1M-UTP-B

27/03/2007 04:55:49pm

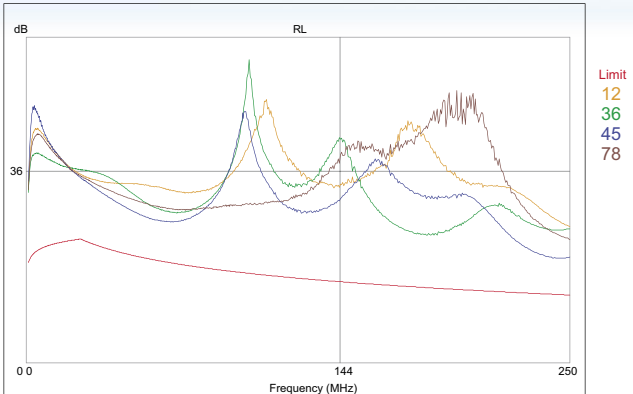


TIA Patch Cord Cat6 1.0m - Cat 6 UTP

DTX-1800 S/N: 8690142

TA33-1M-UTP-B

27/03/2007 04:55:49pm



TIA Patch Cord Cat6 1.0m - Cat 6 UTP

DTX-1800 S/N: 8690142

Cat.6/Cat.5e Modular Coupler & Panel

Die-Casting RJ45 to RJ45 Coupler

Category 6 Permanent Link

According to TIA/EIA-568-B.2.1

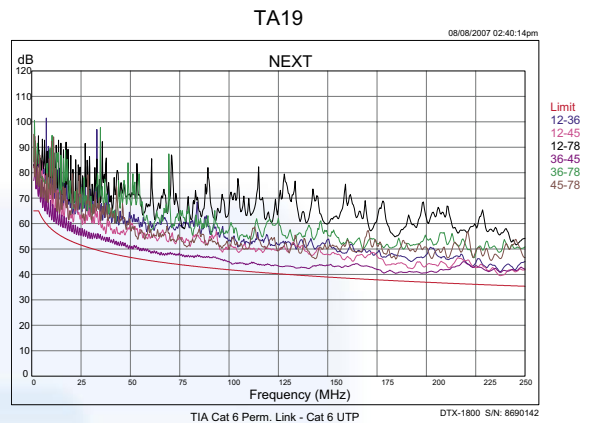
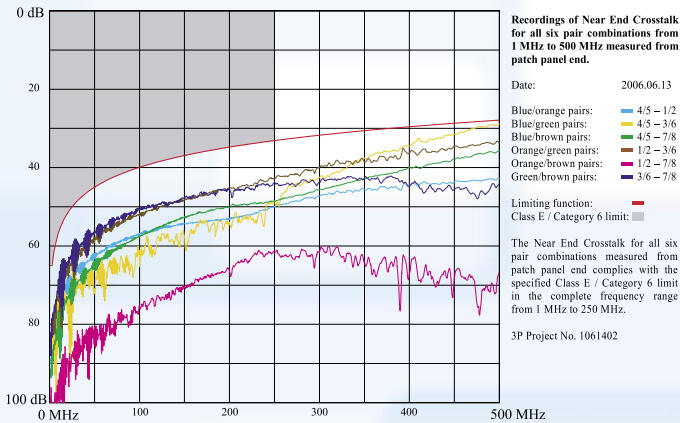
ISO/IEC 11801

EN 50173-1

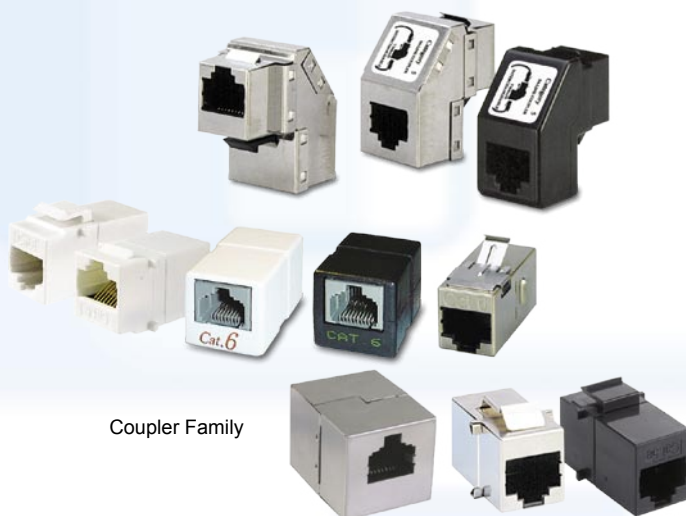
- One RJ45 Female to one RJ45 Female
- Easily extends the length of two Cat.6 patch cable
- Ideal for feed through/panel applications
- Quick grounding directly connected to pre-assembled grounding cable.



TA1968DS



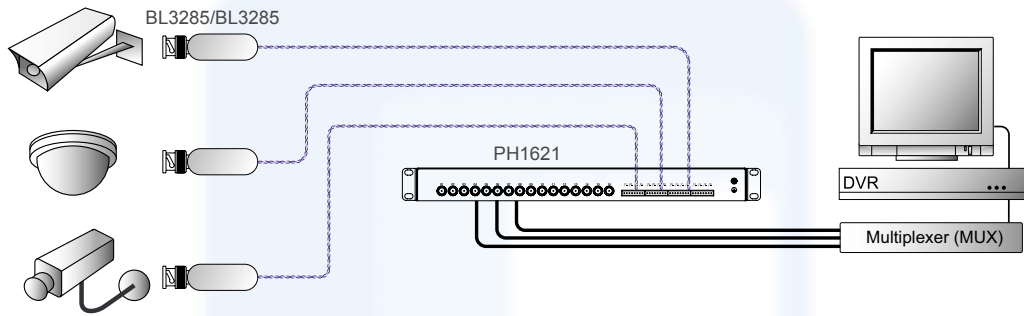
Applied Permanent Link Configuration



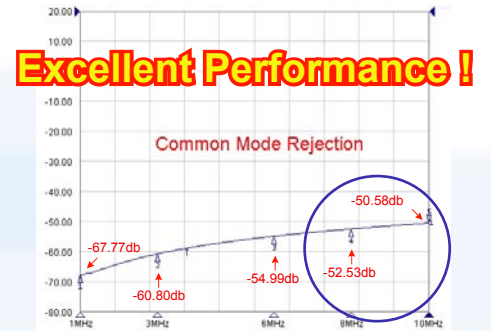
Coupler Family



48 ports Shielded RJ45 Coupler Panel



Video Balun



16 ports CCTV HUB

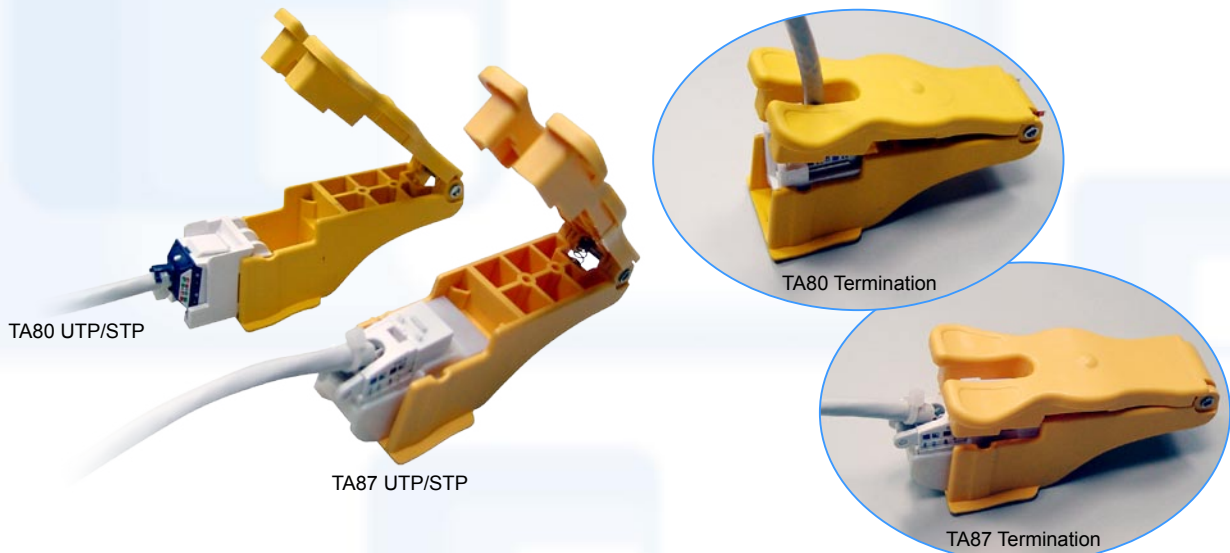


G703 Balun

Cat.5e/Cat.6 Keystone Jack

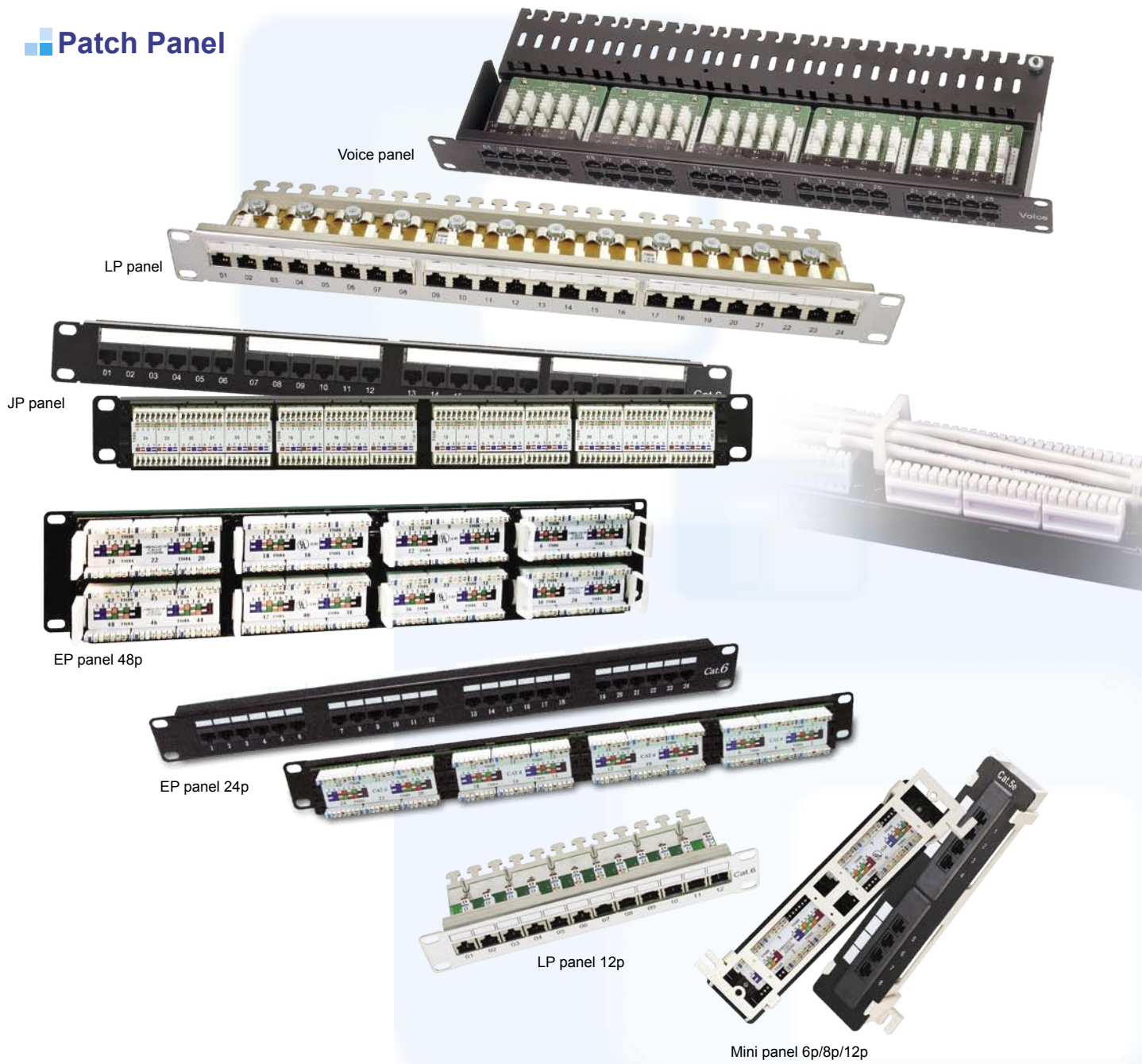


Keystone Termination Tool

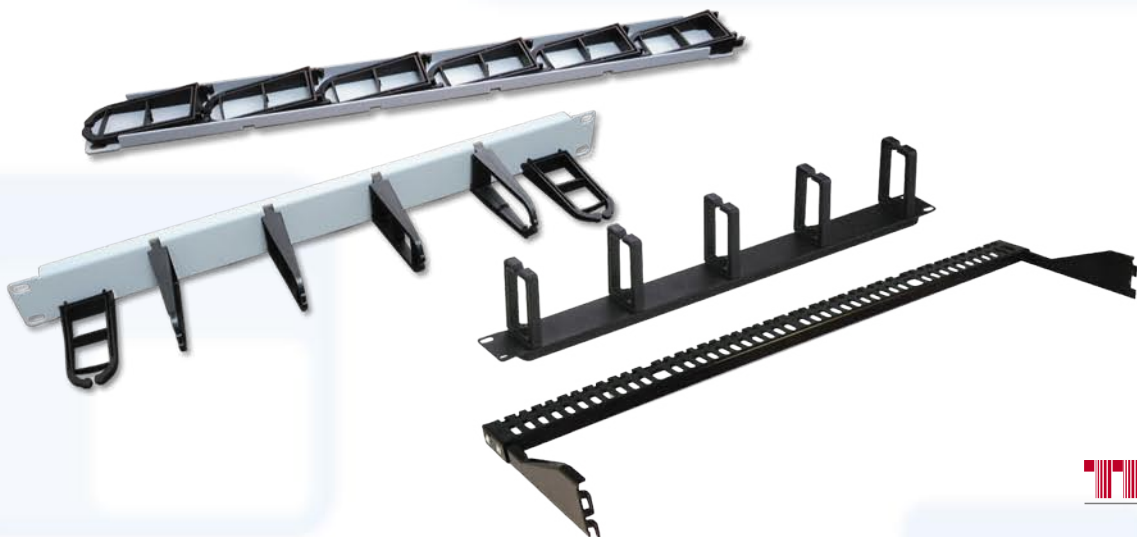


Patch Panel

■ Patch Panel

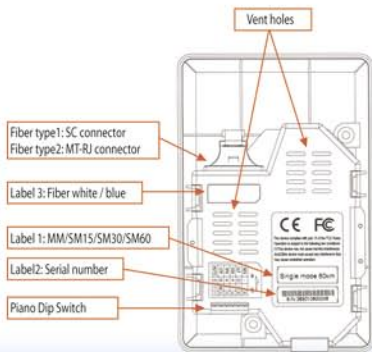


■ Cable management panel



Surface Mount Box

Media Converter for FTTH



Fiber Converter



Side-Entry Converter Switch



Top-Entry Converter Switch



10/100 2 ports Converter Switch



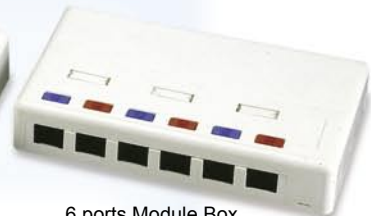
Surface Mount Box



1 port / 2 ports Module Box



12 ports Module Box



6 ports Module Box



6 ports keystone box



3 ports Home box



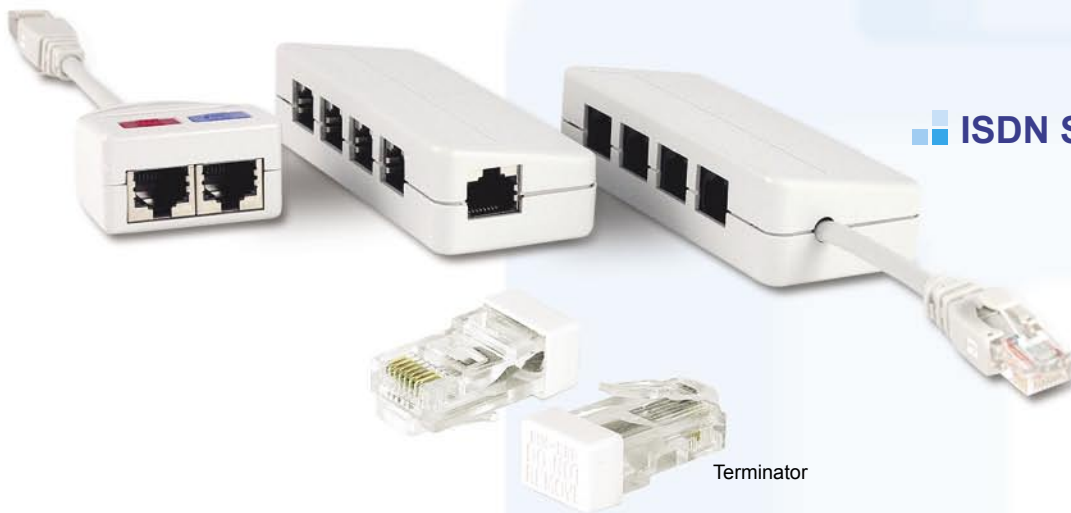
1/2/3 ports UK box

Telecom Accessory

■ ADSL Microfilter & Splitter



■ ISDN Splitter



■ Patch Cord

Hydra (6 trunking cables)



Faceplate & Outlet



S-Type



R-Type

German Faceplate & Outlet

UK Faceplate & Module



French Faceplate



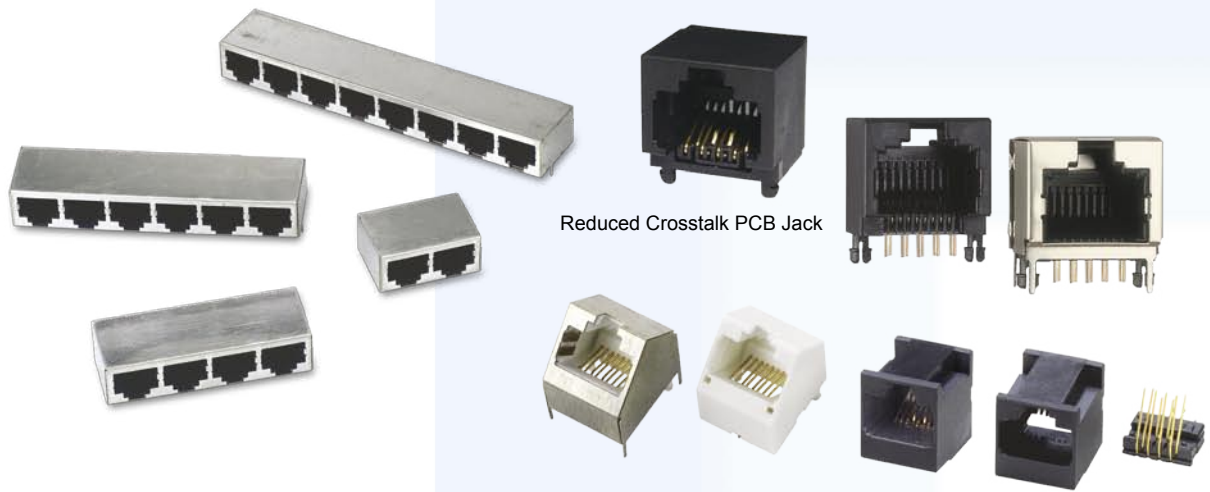
US Faceplate



RJ45 Modular Plug (UTP/STP) & Covers

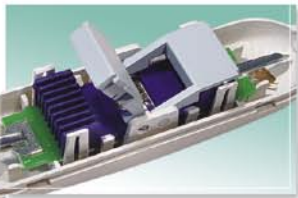
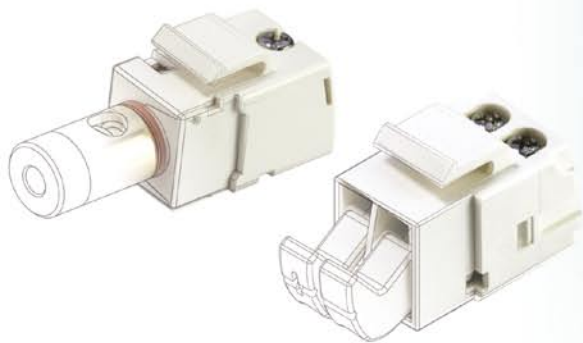


Modular PCB Jack



IDC Block





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