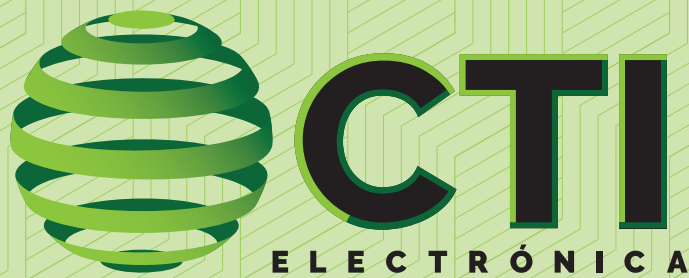# CTI
ELECTRÓNICA

GENERAL CATALOG
30TH EDITION

SINCE 1988

CTI ELECTRÓNICA

MANUFACTURER AND DISTRIBUTOR OF TELECOMMUNICATIONS NETWORK EQUIPMENT

CTI Electrónica was founded in 1988. Since its beginnings, we have specialized in the manufacturing and marketing of products for Voice & Data and Fiber Optic Network installations. We have over 35 years of experience in the sector.

CTI Electrónica works closely with some of the industry's leading companies, developing products and offering solutions. You've probably already used our products through other suppliers, as we do not brand them. If you wish, register on our website to access more information about our products.

CTI Electrónica is committed to delivering the highest possible quality in its products. To achieve this, we have implemented a Quality Management System based on the ISO 9001:2015 standard since 2005.

Since 2002, our Data Center division has been manufacturing and installing hot/cold aisle containment systems and room dividers in data centers.

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DATA BOXES

BOX 80 X 80 X 40

Reference	Dimensions	Color
1005022	80 x 80 x 40	White /4
1005022 BIG	80 x 80 x 40	White - Beige /9

FRAME + MOUNTING BRACKET

Reference	Dimensions	Color
1005021	For 45 x 45 modules	White /4
1005021 BIG	For 45 x 45 modules	White - Beige /9
1005023	For 50 x 50 modules	White /4

CONCENTRATION BOX FOR 6 OR 12 PORTS

Reference	Features	Color
1008010 K	6 or 12 Keystone ports	White /4
1008010 S	6 or 12 Systimax ports	White /4

MECHANISM BOXES AND ACCESSORIES

SURFACE BOX FOR 1, 2, 3 AND 4 MODULES

Reference	Features	Color
1008001	1 Module	White /4
1008002	2 Modules	White /4
1008003	3 Modules	White /4
1008004	4 Modules	White /4
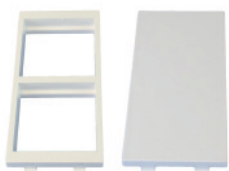
The surface box includes a surface frame.

60 MM FLUSH MOUNT PLASTERBOARD BOX FOR 2 AND 3 MODULES

Reference	Features	Color
1008002 EPL	Flush mount plasterboard box for 2 modules	White /4
1008003 EPL	Flush mount plasterboard box for 3 modules	White /4

The flush mount tray includes surface frame + decorative frame.

FLOOR BOX, DEPTH 92–128 MM, 3 MODULES

Reference	Features
1008003 SLE	Flush floor mount box, depth 92–128 mm, 3 modules
1008003 SLT	Flush-mount trim cover for floor box

The floor box includes 3-module adapter frame.

PLATES FOR MODULE BOXES

Reference	Features	Color
1008005	2-hole plate 45x45	White /4
1008006	Blank plate for module box	White /4
1008007	Plate for Circuit Breaker / 16A Differential	White /4

45 X 45 SCHUKO WITH PROTECTION

Reference	Features	Color
1008011	Schuko 45° 45x45 with protection	White /4
1008011 R	Schuko 45° 45x45 with protection	Red / 6
1008011 N	Schuko 45° 45x45 with protection	Black
1008011 F	French	White /4
1008011 FR	French	Red / 6
1008011 US	Euro-American (No Child Protection)	White /4
1008011 USR	Euro-American (No Child Protection)	Red / 6

DOUBLE SCHUKO WITH PROTECTION FOR MECHANISM BOX

Reference	Features	Color
1008012	Double Schuko with pilot light and protection	White /4
1008012 R	Double Schuko with pilot light and protection	Red / 6
1008012 S	Double Schuko without pilot light, with protection	White /4
1008012 SR	Double Schuko without pilot light, with protection	Red / 6

SINGLE PLUS PROFILE

ALUMINUM SINGLE PLUS PROFILE

Reference	Features	Color
PS-1005 / PS-1005 B	Holds 5 x 45x45 modules	Aluminum / White
PS-1006 / PS-1006 B	Holds 6 x 45x45 modules	Aluminum / White
PS-1007	Holds 7 x 45x45 modules	Aluminum
PS-1008 / PS-1008 B	Holds 8 x 45x45 modules	Aluminum / White
PS-100X	Number of 45x45 modules	Aluminum / White

Includes: 2 surface mounting brackets + 1 lateral cable outlet cover for 5 wires
+ 1 large rubber end cap + 2 aluminum blank plates 45 x 22.5 mm. Other sizes available on request.

e poner tapa lateral ciega, poner tapa lateral con goma grande.

DESKTOP SINGLE PLUS PROFILE

Reference	Features	Color
PM-1005 / PM-1005 B	Holds 5 x 45x45 modules	Aluminum / White
PM-1006 / PM-1006 B	Holds 6 x 45x45 modules	Aluminum / White
PM-1008 / PM-1008 B	Holds 8 x 45x45 modules	Aluminum / White
PM-SOPM	Desktop Profile Plus support	
PM-CINTA	3M double-sided adhesive tape for fixing. Pack of 4	

Includes: 2 aluminum blank plates 45 x 22.5 mm. Other sizes available on request.

SURFACE-MOUNTED SINGLE PROFILE FOR DESK INTEGRATION

Reference	Features	Color
PI-1003	Holds 3 x 45x45 modules	Aluminum / Black
PI-1004	Holds 4 x 45x45 modules	Aluminum / Black
PI-1005	Holds 5 x 45x45 modules	Aluminum / Black
PI-1006	Holds 6 x 45x45 modules	Aluminum / Black
PI-1006B	Holds 6 x 45x45 modules	White
PI-1008B	Holds 8 x 45x45 modules	White
PI-TAPACRV1	Rear cover for 1 quick-connect Wago or Wieland-type connector	

Includes: 2 aluminum blank plates 45 x 22.5 mm. Other sizes available on request.

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SINGLE PLUS PROFILE FOR DESK RECESSING WITH LID

Reference	Features	Color
PE-1004	Fits 4 x 45x45 mechanisms	Aluminum / Black
PE-1004B	Fits 4 x 45x45 mechanisms	White
PE-1005	Fits 5 x 45x45 mechanisms	Aluminum / Black
PE-1005B	Fits 5 x 45x45 mechanisms	White
PE-1006	Fits 6 x 45x45 mechanisms	Aluminum / Black
PE-1006B	Fits 6 x 45x45 mechanisms	White
PI-TAPACRV1	Module for 1 quick-connect Wieland connector	
PE-TAPA3H	45x45 module with triple wire outlet	

Pre-wired profiles available upon request

SINGLE PLUS PROFILE

CIRCULAR PLUS DESK RECESS PROFILE WITH CHARGER LID

Reference	Features
PC-1000	With 1 Wireless Charger + 1 Schuko Outlet + 1 USB-A Charger + 1 Accessory Hole. With 2-meter cable and male Schuko plug. Black
PC-1000B	With 1 Wireless Charger + 1 Schuko Outlet + 1 USB-A Charger + 1 Accessory Hole. With 2-meter cable and male Schuko plug. White
PC-HDMI	HDMI Female-Female Adapter for Circular Profile
PC-RJ-45	RJ-45 Female-Female Adapter for Circular Profile
PC-USB	USB Female-Female Adapter for Circular Profile

MINI SINGLE COLUMN PLUS – ALUMINUM

Reference	Features
CS-1005	Fits 5 x 45x45 mechanisms
CS-1006	Fits 6 x 45x45 mechanisms
CS-1008	Fits 8 x 45x45 mechanisms
CS-100X	Number of 45x45 mechanisms to be selected

MINI DOUBLE-SIDED COLUMN PLUS – ALUMINUM

Reference	Features
CD-1010	Fits 10 x 45x45 mechanisms
CD-1012	Fits 12 x 45x45 mechanisms
CD-1016	Fits 16 x 45x45 mechanisms
CD-10XX	Number of 45x45 mechanisms to be selected

Supplied with: Floor-mounting base + 2 units of 45 x 22.5 mm blank aluminum plates

ACCESSORIES FOR SINGLE PLUS PROFILE

Reference	Features
PS-SOP	45° bracket for Single Plus profile. 2-piece kit
PS-TAPA2H	Side cover with dual wire exit
PS-TAPA5H	Side cover with 5 cable entry holes
PS-TAPAGM	Side cover with large grommet for cable entry
PS-TAPAPG	Side cover with PG-16 cable gland
PS-MAG	Cover for 16A Circuit Breaker or Differential
PS-45X45	45x45 aluminum plate
1005068	45x22.5 mm single-pole switch with 10A LED
C-ORG-NEGRO	25 mm cable cover – 25-meter rolls. Black
C-ORG-BLANCO	25 mm cable cover – 25-meter rolls. White

WIELAND / WAGO ACCESSORIES

Reference	Features
PS-TAPACRV	Side cover for 2 quick connections type Wago / Wieland
PS-TAPACRV1	Side cover for 1 quick connection type Wago / Wieland
PS-WIME	Male Wieland Connector for embedding in black side plate with screw
PS-WIMEC	Male Wieland Connector for embedding in black side cover
PS-WIMER	Male Wieland Connector for embedding in red side cover
PS-WIHA	Female Aerial Wieland Connector with black housing
PS-WIHAR	Female Aerial Wieland Connector with red housing
WIE-C-XMH	Patch cable (X meters) Male/Female Wieland – Black – H05VV-F 3G1.5mm²
WIE-C-XMHR	Patch cable (X meters) Male/Female Wieland – Red – H05VV-F 3G1.5mm²
WIE-C-XMHS	Patch cable (X meters) Male Schuko/Female Wieland – Black – H05VV-F 3G1.5mm²
WIE-C-XMHSR	Patch cable (X meters) Male Schuko/Female Wieland – Red – H05VV-F 3G1.5mm²

SINGLE, DOUBLE, TRIPLE AND QUADRUPLE SCHUKO OUTLETS FOR ALUMINUM PROFILE

Reference	Features	Color
1008011	Single with protection	White /4
1008011 R	Single with protection	Red / 6
1008013	Double with protection	White /4
1008013 R	Double with protection	Red / 6
1008014	Triple with protection	White /4
1008014 R	Triple with protection	Red / 6
1008015	Quadruple with protection	White /4
1008015 R	Quadruple with protection	Red / 6

DATA MODULES WITH WINDOW

45 X 45 WINDOW MODULE FOR 1 RJ-45

Reference	Features	Color
1004501	Systimax - Keystone	White - Beige /9
1004501 B	Systimax - Keystone	White /4

45 X 45 WINDOW MODULE FOR 2 RJ-45

Reference	Features	Color
1004545	Systimax - Keystone	White - Beige /9
1004545 B	Systimax - Keystone	White /4
1004545 N	Systimax - Keystone	Black
1008045	Snap in Kerpen	White /4

45 X 45 WINDOW MODULE WITH SIDE TABS FOR 2 RJ-45

Reference	Features	Color
1004545 CA	Systimax - Keystone	White - Beige /9
1004545 CB	Systimax - Keystone	White /4
1004545 CN	Systimax - Keystone	Black
1004547 CA	Panduit	Ackermann White
1004548 CA	Infraplus	Ackermann White

45 X 45 ANGLED WINDOW MODULE (45°) FOR 2 RJ-45

Reference	Features	Color
1005040	SC Simplex / LC Duplex	White - Beige /9
1005040 B	SC Simplex / LC Duplex	White /4
1005041	SC Duplex / 4LC	White - Beige /9
1005041 B	SC Duplex / 4LC	White /4
1005045	Systimax	White - Beige /9
1006045 B	Systimax	White /4
1005045 N	Systimax	Black
1005046	Keystone	White - Beige /9
1006046 B	Keystone	White /4
1005046 N	Keystone	Black
1005047	Reichle & De Massari	White - Beige /9
1005047 N	Reichle & De Massari	Black
1006047	Reichle & De Massari	White /4
1009045	Snap in Kerpen	White /4
1009045 N	Snap in Kerpen	Black

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45 X 22.5 WINDOW MODULE FOR 1 RJ-45

Reference	Features	Color
1005019	Systimax - Keystone	White - Beige /9
1005019 B	Systimax - Keystone	White /4
1005030	Keystone	White - Beige /9
1009019	Snap in Kerpen	White /4
C1005019	Corning	White - Beige /9
C1005019 B	Corning	White /4

50 X 25 WINDOW MODULE FOR 1 RJ-45

Reference	Features	Color
1005015	Systimax - Keystone	White /4
1005015 K	Keystone	White /4
C1005015	Corning	White /4

QUINTELA WINDOW MODULE FOR 1 RJ-45

Reference	Features	Color
1005014	Systimax - Keystone	White /4
1005014 K	Keystone	White /4
1005014 Beige	Systimax - Keystone	White - Beige /9
C1005014 BIG	Corning	White - Beige /9
C1005014	Corning	White /4

DATA MODULES WITHOUT WINDOW

MODULES 45 X 22.5 – 50 X 25 – AND QUINTELA

Reference	Features	Color
1005018	45 x 22,5 Systimax	White - Beige /9
1004019	45 x 22,5 Keystone	White - Beige /9
1004019 B	45 x 22,5 Systimax-Keystone	White /4
1004018	45 x 22,5 Ortronics	White - Beige /9
1004019 S	45 x 22,5 Siemon	Anthracite /14
1005019 S	45 x 22,5 1 SC Simplex	White /4
1005019 D	45 x 22,5 1 SC Duplex	White /4
1005019 T	45 x 22,5 1 ST Simplex	White /4
1004015	25 x 50 Keystone	White /4
1004017	25 x 50 Ortronics	White /4
1004014	Quintela Keystone	White /4
1004016	Quintela Ortronics	White /4

45 X 45 MODULE WITHOUT WINDOW

Reference	Features	Color
1004501 BS	For 1 RJ-45 Systimax - Keystone	White /4
1004545 BS	For 2 RJ-45 Systimax - Keystone	White /4
1004501 S	For 1 RJ-45 Systimax - Keystone	White - Beige /9
1004545 S	For 2 RJ-45 Systimax - Keystone	White - Beige /9

45° ANGLED 45 X 45 MODULE WITHOUT WINDOW WITH SIDE TABS

Reference	Features	Color
1005046 SN	Keystone	Black
1006044 S	BTR	White /4
1006045 S	Systimax	White /4
1006045 SPN	Systimax	Black
1006046 S	Keystone	White /4
1006046 SP	Keystone	White /4
1006046 SPN	Keystone	Black
1006047 S	Reichle & De Massari	White /4
C1006046 S	Corning	White /4

MODULE FOR 1 OR 2 WIELAND / WAGO QUICK CONNECTORS

Reference	Features	Color
1004502	45 x 22.5 Module for 1 connector	White /4
1004502 D	45 x 45 Module for 2 connectors	White /4

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BLANK MODULES

BLANK MODULE 45 X 22.5 – 50 X 25

Reference	Features	Color
1005016	45 x 22,5	White - Beige /9
1005016 B	45 x 22,5	White /4
1005017	50 x 25	White /4
1005017 BIG	50 x 25	White - Beige /9

BLANK MODULE 45 X 45

Reference	Features	Color
1004500	45 x 45	White - Beige /9
1004500 B	45 x 45	White /4
1004500 BS	45 x 45 Cable Outlet	White /4

TICINO MODULES WITHOUT WINDOW

TICINO LIVING-LIGHT MODULE WITHOUT WINDOW FOR 1 RJ-45

Reference	Features	Color
1004020	Systimax	White /4
1004020 A	Systimax	Steel
1004021	Systimax	Anthracite /14
1004026	Keystone	White /4
1004026 A	Keystone	Steel
1004027	Keystone	Anthracite /14
1004026 K	Snap in Kerpen	White /4
1004027 K	Snap in Kerpen	Anthracite /14
C1004021	Corning	Anthracite /14
C1004026	Corning	White /4
1004022	Panduit	White /4

TICINO MAGIC / MATIX MODULE WITHOUT WINDOW FOR 1 RJ-45

Reference	Features	Color
1008027	Magic Keystone	Beige
1004024	Matix Keystone	White /4

TICINO LIGHT ANGLED (45°) MODULE WITHOUT WINDOW FOR 2 RJ-45

Reference	Features	Color
1004029	Snap in Kerpen	White /4
1004030	Reichle & De Massari	White /4
1004031	Keystone	White /4
1004032	Systimax	White /4

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OUTLETS (FACEPLATES)

SURFACE OUTLET, FRONT EXIT WITHOUT CONNECTORS

Reference	Features	Color
1005007	Systimax	Beige
1005008	Keystone	Beige
1005000	Blank Cap for Surface Outlet, Front Exit	Beige

SURFACE OUTLET, SIDE EXIT WITHOUT CONNECTORS

Reference	Features	Color
1005009	Keystone	White /4
C1005009	Corning	White /4
1004010	Systimax - Pouyet	White /4

SURFACE OUTLET, SIDE EXIT WITH 1/2 RJ-45

Reference	Features	Color
1005006 1.6	Outlet with 1 RJ-45 CAT6 UTP Type 110	White /4
1005006 2.6	Outlet with 2 RJ-45 CAT6 UTP Type 110	White /4
1005006 1.6F	Outlet with 1 RJ-45 CAT6 FTP Type 110	White /4
1005006 2.6F	Outlet with 2 RJ-45 CAT6 FTP Type 110	White /4
1005006 1.6A	Outlet with 1 RJ-45 CAT6A UTP Type 110	White /4
1005006 2.6A	Outlet with 2 RJ-45 CAT6A UTP Type 110	White /4
1005006 1.6AF	Outlet with 1 RJ-45 CAT6A FTP Type 110	White /4
1005006 2.6AF	Outlet with 2 RJ-45 CAT6A FTP Type 110	White /4

45 x 22.5 MULTIMEDIA MODULES

MODULES WITH F/F CONNECTION AND SCREW TERMINAL CONNECTION

Reference	Features	Color
1005060	VGA Female 15-pin	White - Beige /9
1005060 HH	VGA Female 15-pin, Female-Female	White - Beige /9
1005061	Mini-Jack 3,5 mm	White - Beige /9
1005061 HH	Mini-Jack 3.5 mm, Female-Female	White - Beige /9
1005062	3 RCA (Video & Audio)	White - Beige /9
1005062 HH	3 RCA Female-Female (Video & Audio)	White - Beige /9
1005063	USB Type-A Female	White - Beige /9
1005063 CG	1 USB-A Charger (5V/1A)	White /4
1005063 CG2B	2 USB-A Chargers (5V/4.2A)	White /4
1005063 CG2C	2 USB-A + USB-C Chargers (5V/4.2A)	White /4
1005063 CG2D	45x45 Module: 2 USB-C Chargers (5V/4.2A)	White /4
1005063 CGR	45x45 Module: 1 USB-C Charger (QC 3.0) Fast Charge	White /4
1005064	HDMI Female-Female at 90°	White - Beige /9
1005064 R	HDMI Female-Female at 180°	White /4
1005065	TV Male	White /4
1005066	BNC Type (Without Connector)	White /4
1005067	XLR Female 45x45	White /4
1005068	Single-Pole Switch with LED (250V, 15A)	White /4

KEYSTONE-TYPE ADAPTERS

Reference	Features	Color
MJC-K-HH	3.5 mm Minijack F-F	White /4
USB-K-HHAA	USB-A Female / USB-A Female 2.0	White /4
USB-K-HHBA	USB-B Female / USB-A Female 2.0	White /4
USB-K-HHAA30N	USB-A Female / USB-A Female 3.0	Black
USB-K-HHAA3.0	USB-A Female / USB-A Female 3.0	White /4
USB-K-HHCC	Keystone Adapter USB-C to USB-C 3.0 F-F	White
USB-K-HHCCN	Keystone Adapter USB-C to USB-C 3.0 F-F	Black
HDMI-K-HH	HDMI Female-Female	White /4
HDMI-K-HHN	HDMI Female-Female	Black
RCA-K-HHAM	Yellow RCA Female-Female	White /4
RCA-K-HHR	Red RCA Female-Female	White /4
RCA-K-HHBL	White RCA Female-Female	White /4
F-K-SCLC	Adapter for F.O. Connector SC Simplex / LC Duplex	White /4
F-K-SCLCN	Adapter for F.O. Connector SC Simplex / LC Duplex	Black
F-K-ST	Adapter with F.O. Connector ST Simplex	White /4
1003008 FK	F-Type Connector Adapter Female-Female	White /4
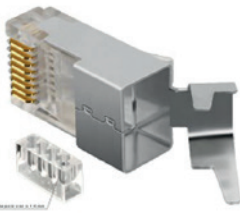
RJ-45 CONNECTORS

CAT 5E RJ-45 FEMALE CONNECTORS

Reference	Features
1003001	RJ-45 Female Connector CAT5E - UTP 3M Type 180° (Toolless Punch)
1003001 B	RJ-45 Female Connector CAT5E - UTP AMP Type 90°
1003002	RJ-45 CAT5E UTP Female-Female Connector

CAT 6 - CAT 6A - CAT 7 - CAT 8 RJ-45 FEMALE CONNECTORS

Reference	Features
1003003	RJ-45 Female Connector CAT6 UTP 3M Type 180° (Toolless Punch)
1003003 B	RJ-45 Female Connector CAT6 UTP AMP Type 90°
1003003 CN	RJ-45 Female Connector CAT6 UTP AMP Type 180°. Black
1003003 D	RJ-45 Female Connector CAT6 UTP with Window AMP Type 90°
1003003 N	RJ-45 Female Connector CAT6 UTP 3M Type 180° Black (Toolless Punch)
1003003 HH	RJ-45 Adapter F-F CAT6 UTP for Panel
1003003 HHF	RJ-45 Adapter F-F CAT6 FTP for Panel
1003004	RJ-45 Female Connector CAT6 FTP 3M Type 180° (Toolless Punch)
1003006	CAT6A UTP 3M Type 180° (Toolless Punch)
1003006 FTP	CAT6A FTP 3M Type 180° (Toolless Punch)
1003006 HH	RJ-45 Adapter F-F CAT6A UTP for Panel
1003006 HHF	RJ-45 Adapter F-F CAT6A FTP for Panel
1003006 HHFB	RJ-45 Adapter F-F Narrow CAT6A FTP for Panel
1003007 FTP	Female Connector CAT7 FTP 3M Type 180° Keystone (Toolless Punch)
1003006 CAT8	RJ-45 Female Connector CAT8 FTP 3M Type 180° Keystone (Toolless Punch)

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RJ-9, RJ-10, RJ-11 AND RJ-12 MALE CONNECTORS

Reference	Features
1003000 M9	RJ-9 Male Connector (4P/4C). Bag of 100 units
1003000 M	RJ-11 Male Connector (6P/4C). Bag of 100 units
1003000 M12	RJ-12 Male Connector (6P/6C). Bag of 100 units

CAT 5E RJ-45 MALE CONNECTORS

Reference	Features
1003001 M	RJ-45 CAT5E UTP Male Connector. Bag of 100 units
1003001 MF	RJ-45 CAT5E FTP Male Connector. Bag of 100 units

CAT 6 - CAT 6A - CAT 7 - CAT 8 RJ-45 MALE CONNECTORS

Reference	Features
1003003 M	RJ-45 CAT6 UTP Male Connector. Bag of 100 units
1003003 MEZ	RJ-45 CAT6 UTP Male EZ Pass-Through Connector. Minimum quantity. Bag of 100 units
1003003 MG	RJ-45 CAT6 UTP Male Connector with External Guide. Bag of 100 units
1003004 M	RJ-45 CAT6 FTP Male Connector. Bag of 100 units
1003004 MEZ	RJ-45 CAT6 FTP Male EZ Pass-Through Connector. Minimum quantity. Bag of 100 units
1003004 MG	RJ-45 CAT6 FTP Male Connector with External Guide. Bag of 100 units
1003006 M	RJ-45 CAT6A FTP Male Connector with External Guide. Bag of 100 units
1003006 MEZ	RJ-45 CAT6A FTP Male EZ Pass-Through Connector
1003006 MU	RJ-45 CAT6A UTP Male Connector. Bag of 100 units
1003006 MUEZ	RJ-45 CAT6A UTP Male EZ Pass-Through Connector
1003006 M8	RJ-45 CAT8 FTP Male Connector with External Guide
1003007 M	RJ-45 CAT7 FTP Male Connector with External Guide. Blister of 100 units
1003007 MEZ	RJ-45 CAT7 FTP Male EZ Pass-Through Connector

INDUSTRIAL RJ-45 MALE CONNECTORS – CAT 6 / 6A / 7 / 8

Reference	Features
1003002 C6A	CAT6A FTP Mechanical Splice
1003003 MI	RJ-45 CAT6 UTP Industrial Male Connector. Toolless Assembly
1003003 MIB	RJ-45 CAT6 UTP Industrial Male Connector. Toolless Assembly
1003004 MI	RJ-45 CAT6 FTP Industrial Male Connector. Toolless Assembly
1003004 MIB	RJ-45 CAT6 UTP Industrial Male Connector. Toolless Assembly
1003006 MIB	RJ-45 CAT6A FTP Industrial Male Connector. Toolless Assembly
1003006 MIUB	RJ-45 CAT6A UTP Industrial Male Connector. Toolless Assembly
1003007 MI	RJ-45 CAT7 FTP Industrial Male Connector. Toolless Assembly
1003006 M8	RJ-45 CAT8 FTP Industrial Male Connector. Toolless Assembly

ADAPTERS

ADAPTERS

Reference	Features	Color
1004550	50 x 50 a 45 x 45	White - Beige /9
1004550 SI	50x50 to 45x45 Adapter Plate for Simon 500 Box	White - Beige /9
1005550	55 x 55 a 50 x 50	White - Beige /9
1005012	Simon 75 de 50 x 50	White /4
1005013	Simon 75 de 50 x 50	Grey

DIN RAIL ADAPTER FOR RJ-45

Reference	Features
DIN-RJ-45	For 1 RJ-45 metal Keystone type
DIN-2RJ-45	For 2 RJ-45 metal Keystone type
DIN-RJ-45P	For 1 RJ-45 plastic Keystone type
DIN-RJ-45P180	180° Plastic DIN Rail Adapter for 1 RJ-45 Keystone + Side Cover

MULTIMEDIA CABLES

VGA, 3RCA, MINI-JACK, USB AND HDMI MULTIMEDIA CABLES

Reference	Features
VGA-C-X	VGA-15V Cable with Ferrite and Triple Shielding
MJC-C-X	Mini-Jack 3.5 mm Stereo Cable
RCA3-C-X	3 RCA Cable (Video & Audio)
USB-C-X	USB Type-A Female Cable
HDM-C-X	HDMI Cable

Available in various lengths. Ask us for details.
We also offer pre-assembled multimedia cables ready to connect directly to our screw-type multimedia modules.

19" PATCH PANELS

CAT3, CAT5E, CAT6, AND CAT6A PATCH PANELS

Reference	Features
1003011 C325	19" 1U x 25-port Patch Panel Category 3 – Telephony
1003011 C350	19" 1U x 50-port Patch Panel Category 3 – Telephony
1003011 C6	19" 1U x 24-port UTP Patch Panel Category 6 with Rear Cable Organizer
1003011 C6 F	19" 1U x 24-port UTP Patch Panel Category 6
1003011 C6.48	19" 2U x 48-port UTP Patch Panel Category 6
1003011 C6.481U	19" 1U x 48-port UTP Patch Panel Category 6
1003011 C6AU	19" 1U x 24-port UTP Patch Panel Category 6A with Rear Cable Organizer
1003011 C6A	19" 1U x 24-port FTP Patch Panel Category 6A
1003011 C6A48	1U x 48-port CAT6A FTP Patch Panel. Black

NETWORK PATCH CORDS
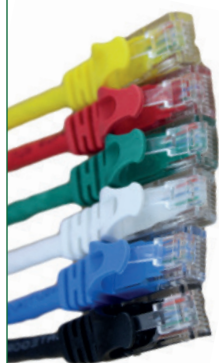
RJ-45 PATCH CORDS CAT3, CAT5E, CAT6, CAT6A, CAT7 AND CAT8

Reference	Features
3007 X.3	CAT3 Patch Cord – 0.50, 1, 1.5, 2 and 3 meters. PVC
3007 X.6	CAT6 UTP Patch Cord – 0.25, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 30 and 50 meters. LSZH
3006 X.6	CAT6 FTP Patch Cord – 0.25, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 30 and 50 meters. LSZH
3007 X.6A	CAT6A UTP Patch Cord – 0.25, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 30 and 50 meters. LSZH
3007 X.6A SLY	CAT6A UTP SLIM Patch Cord – 0.15, 0.25, 0.5, 1, 1.5, 2, 3, 5, 7.5 and 10 meters
3006 X.6A	CAT6A S/FTP Patch Cord – 0.25, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 30 and 50 meters. LSZH
3006 X.6A SLY	CAT6A U/FTP SLIM Patch Cord – 0.15, 0.25, 0.5, 1, 1.5, 2, 3, 5, 7.5 and 10 meters
3007 X.7 SLY	CAT6A U/FTP SLIM Patch Cord – 0,5, 1, 1,50, 2, 3 and 5 meters
3007 X.7	CAT7 S/FTP Patch Cord – 0.25, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 25 and 30 meters. LSZH
3007 X.8	CAT8 S/FTP Patch Cord – 0.25, 0.5, 1, 2, 3, 5, 7, 10, 15, 20, 25 and 30 meters. LSZH

Other lengths and colors available. We also offer a custom patch cord manufacturing service. Contact us for more info.

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CABLE BOXES

UTP - FTP CABLE BOXES

Reference	Features
3006 UTP RB3	CAT6 UTP LSZH Solid Pure Copper Cable CPR Dca (305 m box) – White
3006 UTP RLB	CAT6 UTP LSZH Solid CCA Cable (305 m box) – White
3006 FTP RB	CAT6 FTP LSZH Solid CU CPR Dca Cable (305 m reel) – White
3006 6A UTPR	AT6A UTP LSZH Solid Pure Copper Cable (305 m box)
3006 6A UTPR5	CAT6A UTP LSZH Solid Pure Copper CPR Dca Cable (500 m reel)
3006 6A FTP	CAT6A FTP LSZH Solid Pure Copper CPR Dca Cable (305 m reel)
3006 6A FTP5	CAT6A FTP LSZH Solid Pure Copper CPR Dca Cable (500 m reel)
3006 6A SFTPR	CAT6A S/FTP LSZH Solid Pure Copper Cable (500 m reel)
3007 SFTP R5	CAT7 S/FTP LSZH Solid Pure Copper Cable (500 m reel)
3008 SFTP R1	CAT8 S/FTP LSZH (CLASS I) Solid Cable (100 m box)

UTP-FTP CABLE BOXES FOR OUTDOOR USE

Reference	Features
3006 UTP EXT3	CAT6 UTP Outdoor Solid Pure Copper PE Cable F Class (305 m box). Black
3006 UTP EXT5	CAT6 UTP Outdoor Solid Pure Copper PE Cable F Class (500 m reel). Black
3006 FTP EXT3	CAT6 FTP Outdoor CU PE Solid Cable (305 m reel). Black
3006 FTP EXT5	CAT6 FTP Outdoor CU PE Solid Cable (500 m reel). Black
3006 FTP EXTN	CAT6 FTP Outdoor Rodent-Resistant PE Solid Cable (500 m reel). Black
3006 6A EXT	CAT6A UTP Solid Pure Copper PE Outdoor Cable (305 m reel)
3006 6A EXTF	CAT6A FTP Solid Pure Copper PE Outdoor Cable (305 m reel)
3007 SFTP EXT	CAT7 S/FTP LSZH Outdoor CPR Dca Solid Cable (480 m reel)

We offer a custom patch cord manufacturing service. Contact us for more information.

KRONE-TYPE PRODUCTS

KRONE-TYPE STRIPS, SUPPORTS, BOXES, CABINETS AND TOOLS

Reference	Features
1003013 R10	10-pair Disconnection-Test Strip
1003013 CP	3-Pole Protection Cartridge for 10-pair Strip
1003013 DT	8x13 MK230 Tripolar Surge Protector with Fault Protection
1003013 M10	Label Holder Frame for 10-pair Strips
1003013 4v	4-Wire Flat Telephone Cable – Black (100 m roll)
Con - Bipo	Bipolar Test Connector – Krone Type
Con -Tetra	Tetrapolar Test Connector – Krone Type
1003013 30	Metal Support for 30-pair Strip
1003013 50	Metal Support for 50-pair Strip
1003013 100	Metal Support for 100-pair Strip
1003013 CJ30	Plastic Box for 30 pairs (includes metal support)
1003013 CJ50	Plastic Box for 50 pairs (includes metal support)
1003013 CJ10	Plastic Box for 100 pairs (includes metal support)
1003013 UR	UR Red 3-Contact Connector (Bag of 100 pcs)
1003013 UY2	UY2 Connector (Bag of 100 pcs)
1003013 SR60	19" 1U x 60-pair Subrack (includes supports)
1003013 SR150	19" 1U x 150-pair Subrack (includes supports)
1002001 S	Professional Krone-Type Insertion and Cutting Tool

Check more products in our online catalog.

FIBER OPTIC PRODUCTS

ADAPTERS, ATTENUATORS, AND CONNECTORS

Features

SC/APC or SC/PC Adapters – Singlemode and Multimode – Simplex or Duplex
LC/APC or LC/PC Adapters – Singlemode and Multimode – Simplex or Duplex
FC/APC or FC/PC Adapters – Singlemode and Multimode – Simplex or Duplex
ST/PC Adapters – Singlemode and Multimode – Simplex
Singlemode Attenuator 1–25 dB – SC / LC / FC
SC/APC or SC/UPC Connectors – Singlemode and Multimode
LC/APC or LC/UPC Connectors – Singlemode and Multimode

SC, LC, ST AND FC PATCH CORDS – MULTIMODE AND SINGLEMODE – CUSTOM LENGTHS

Features

OM1, OM2, OM3, OM4 and OM5 – Simplex and Duplex
OM1, OM2, OM3, OM4 and OM5 – FLAT
G652 - Simplex and Duplex
G657 (a2) - Simplex and Duplexx
G652 - FLAT
 G657 (a2) - FLAT

We offer a custom fiber optic patch cord manufacturing service. Contact us for more information.

HD HIGH-DENSITY PRE-TERMINATED TRUNKS

Features

MPO Trunks – OM2, OM3, OM4, G652d and G657 – 12 fibers
1U or 3U Panels for MPO Modules
MPO/LC Modules – Prewired OM2, OM3, OM4, SM G652d or SM G657 – 12 fibers

PIGTAILS – MULTIMODE AND SINGLEMODE – SC, LC, ST AND FC

Features

OM1, OM2, OM3, OM4 and OM5 – 900 μm Multimode
G652 – 900 μm Monomode
G657 (a2) – 900 μm Monomode

19" TRAYS AND ACCESSORIES

Reference	Features
F1006025	ST Hole Plugs – Minimum quantity: Bag of 100 units
F1006025 D	SC Duplex Hole Plugs – Minimum quantity: Bag of 100 units
F1006025 S	SC Simplex Hole Plugs – Minimum quantity: Bag of 100 units
F1006026	19" x 1U Tray for 24 SC Simplex Ports – Includes cassette
F1006027	19" x 1U Tray for 24 SC Duplex Ports – Includes cassette
F1006028	19" x 1U Tray for 24 ST Simplex Ports – Includes cassette
1006028 - 1006028S	Empty 19" x 1U Panel for SC Simplex or SC Duplex
F1006030 / F1006032	Splice Cassette for 12 or 24 fibers
F1006010 / F1006011	Fusion Splice Protectors – 40 or 60 mm
F1006009	Mechanical Splices

FIBER TO RJ-45 MEDIA CONVERTER

Reference	Features
F-CV-SFP1	Gigabit Converter 10/100/1000 – RJ-45 – 1000 SFP Port
F-SFP-LCM550M	SFP Transceiver 1G LC MM Duplex 850nm – 550 meters
F-SFP-LCS10K	SFP Transceiver 1G LC SM Duplex 1310nm 10Km
F-SFP-LCM1G	SFP Transceiver 1G LC MM Duplex 1310nm to 2 Km

Other transceiver modules available upon request.

FIBER OPTIC CABLE REELS

Reference	Features
F-CA-SMXF	SM F.O. Cable – 4, 6, 8, 12, 24 and 48 Fibers – Indoor/Outdoor – LSZH – Dielectric Armor
F-CA-MMXF1	MM F.O. Cable 62.5/125 – 4, 8, 12, 24 and 48 Fibers – OM1 – Indoor/Outdoor – Dielectric Armor – LSZH
F-CA-MMXF3	MM F.O. Cable 50/125 – 4, 8, 12, 24 and 48 Fibers – OM3 – Indoor/Outdoor – Dielectric Armor – LSZH
F-CA-MMXF4	MM F.O. Cable 50/125 – 4, 8, 12, 24 and 48 Fibers – OM4 – Indoor/Outdoor – Dielectric Armor – LSZH
F-CA-MMXF5	MM F.O. Cable 50/125 – 4, 8, 12, 24 and 48 Fibers – OM5 – Indoor/Outdoor – Dielectric Armor – LSZH

Cable available in custom lengths – coils or reels. Other cable protection types available.
We also offer a custom fiber optic patch cord manufacturing service. Contact us for more information.

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FIBER OPTIC BOXES

In compliance with ICT Regulation R.D. 346/2011 (FTTH)

SC/LC FIBER CONNECTION BOXES

Reference	Features
F-RO-1SC	Fiber optic box for 1 SC Simplex or LC Duplex adapter
F-RO-2SCB	Fiber optic box with 2 SC/APC SM adapters
F-RO-2SC	Fiber optic box for 2 SC/APC SM adapters
F-RO-2SCG	Large empty fiber optic box for 1 or 2 SC Simplex / LC Duplex adapters
F-RO-2SCG1	Fiber optic box with 1 SC/APC Simplex adapter + 1.5 m SC/APC SM pigtail
F-RO-2SCG2	Fiber optic box with 2 SC/APC Simplex adapter + 2 1.5 m SC/APC SM pigtail
F-RO-4SC	Surface-mounted fiber optic. box for 4 SC Simplex and LC Duplex adapters
F-RO-8SC	Surface-mounted fiber optic. box for 8 SC Simplex / LC Duplex adapters

INDOOR SPLICE AND FUSION BOXES

Reference	Features
F-CF-6	Splice box for 6 fusions
F-CF-12	Splice box for 12 fusions and FTTH branching
F-CF-12B	Large splice box for 12 fusions and FTTH branching
F-CF-24	Large splice box for 24 fusions and FTTH branching
F-DIS-8SC	Distribution and splice box for 8 SC Simplex / LC Duplex
F-DIS-12SC	Distribution and splice box for 12 SC Simplex / LC Duplex
F-DIS-24SC	Distribution and splice box for 24 SC Simplex / LC Duplex
F-DOP-48SC	Indoor user distribution box for 48 SC Simplex / LC Duplex – IP54

OUTDOOR BOX – IP65

Reference	Features
F-DIS-4SCIP	Outdoor F.O. Box – IP65 with lock – for 4 SC Simplex / LC Duplex
F-DIS-8SCIP	Outdoor F.O. Box – IP65 with lock – for 8 SC Simplex / LC Duplex
F-DIS-12SCIP	Outdoor F.O. Box – IP65 with lock – for 12 SC Simplex / LC Duplex
F-DIS-16SCIPB	Outdoor F.O. Box – IP65 with lock – for 16 SC Simplex / LC Duplex. White
F-DIS-24SCIP	Outdoor F.O. Box – IP65 with lock – for 24 SC Simplex adapters
F-DIS-48SCIP	Outdoor F.O. Box – IP65 with lock – for 48 SC Simplex adapters
F-CF-12IPH	Horizontal Splice Box – IP68 – for 12 fusions and branching
F-CF-16IPV	Vertical Splice Box – IP68 – for 16 fusions
F-CF-24IPH	Horizontal Splice Box – IP68 – for 24 fusions and branching
F-CF-48IPH	Horizontal Splice Box – IP68 – for 48 fusions and branching
F-CF-48IPV	Vertical Splice Box – IP68 – for 24/48 fusions
F-CF-48TOR	Torpedo-type Splice Box – IP68 – Direct Burial – for 48 fusions and branching
F-CF-96IPH	Horizontal Splice Box – IP68 – for 96 fusions and branching
F-CF-96IPV	Vertical Splice Box – IP68 – for 48/96 fusions
F-CF-96TOR	Torpedo-type Splice Box – IP68 – Direct Burial – for 96 fusions and branching

DIN RAIL MOUNT BOXES

Reference	Features
F-DIN-4SC	Plastic DIN rail box for 4 SC Simplex ports
F-DIN-6SC	Metal DIN rail box for 6 SC Duplex ports
F-DIN-8SC	Metal DIN rail box for 8 SC Simplex / LC Duplex ports
F-DIN-12SC	Metal DIN rail box for 12 SC Simplex adapters

WALL-MOUNT METAL BOX

Reference	Features
F-CM-4SCS	Metal wall-mount fiber optic box for 4 SC Simplex ports
F-CM-8SCS	Metal wall-mount fiber optic box for 8 SC Simplex ports
F-CM-16SCS	Metal wall-mount fiber optic box for 16 SC Simplex ports
F-CM-4ST	Metal wall-mount fiber optic box for 4 ST Simplex ports
F-CM-8ST	Metal wall-mount fiber optic box for 8 ST Simplex ports
F-CM-16ST	Metal wall-mount fiber optic box for 16 ST Simplex ports

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NETWORK TOOLS

TOOLS FOR CONNECTORS AND NETWORK TESTERS

Reference	Features
1002000	110/88 Impact Tool, AMP Type
1002001 S	Professional LSA Insertion Tool, Krone Type
1002002	Crimping Tool for RG6/RG58/RG59/RG62
1002002 B	Crimping Tool for RG58/RG59/RG62/RG174 and Fiber Optic
1002002 C	Crimping Tool for RG8/RG9/RG11/RG174/RG316 Belden 9913
1002003	Combination Crimping Tool for RJ9/RJ11/RJ12/RJ45
1002003 EZ	Crimping Tool for RJ45 Male Pass-Through EZ Connectors
1002003 P	Professional Metal Crimping Tool for RJ11/RJ12/RJ45
1002003 B	Professional RJ-45 Crimping Tool
1002003 CAT7	Crimping Tool for CAT6A and CAT7 FTP RJ45 Male Connectors
1002003 F	Crimping Tool for RJ45 Male + RJ9/RJ10/RJ11/RJ12/RJ45 + CAT7 & Pass-Through
1002004	Network Tester for RJ11/RJ12/RJ-45/BNC and USB
TEST-C	Economical Network Tester for RJ-45/RJ11/RJ12
1002006	Tool Kit with Tester, RJ11/45 Crimper, LSA Tool and Cable Stripper
1002005	Universal Cable Stripper and for RG58, RG59, RG62
1002005 B	Cable Stripper for CAT5, CAT6, CAT6A, CAT7 and CAT8 Cables – Red

FIBER OPTIC TOOLS

FIBER OPTIC TOOLS

Reference	Features
F-CQ-2.5MM	SM and MM Fiber Checker – 2.5mm
F-HE-AL2	Clauss-type F.O. Stripping Tool (250µm, 900µm, 3mm)
F-HE-ALC	1-Litre Bottle of Isopropyl Alcohol
F-HE-CORTx	Fiber Optic Cleaver
F-HE-Fxx	Portable Fiber Optic Light Source – Multimode and Singlemode
F-HE-LFx	Fiber Optic Visual Fault Locator Pen
F-HE-LIMCA	F.O. Cassette Cleaner for SC/LC/ST/FC/MU Connectors – 500+ Cleanings
F-HE-LIMLC	1.25mm F.O. Cleaner Pen (LC/MU) – One-Push Type
F-HE-LIMSC	2.5mm F.O. Cleaner Pen (LC/MU) – One-Push Type
F-HE-POTx	Optical Power Meter
F-HE-TOA	Cleaning Wipes

CABLE ORGANIZER

CABLE ORGANIZER

Reference	Features
VEL-ROLLO10	25m Velcro Roll – 10mm
VEL-ROLLO13	25m Velcro Roll – 13mm
VEL-ROLLO16	25m Velcro Roll – 16mm
VEL-ROLLO20	25m Velcro Roll – 20mm
VEL-ROLLO25	25m Velcro Roll – 25mm

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19" WALL MOUNT RACKS

450MM DEPTH – REMOVABLE SIDE PANELS

Reference	Features	Color
RCK-4UF45	19" x 4U x 450	Black / 9005
RCK-6UF45	19" x 6U x 450	Black / 9005
RCK-9UF45	19" x 9U x 450	Black / 9005
RCK-12UF45	19" x 12U x 450	Black / 9005
RCK-15UF45	19" x 15U x 450	Black / 9005

550MM DEPTH – REMOVABLE SIDE PANELS (2-SECTION DESIGN)

Reference	Features	Color
RCK-9U2C	19" x 9U x 550	Black / 9005
RCK-12U2C	19" x 12U x 550	Black / 9005
RCK-15U2C	19" x 15U x 550	Black / 9005

600MM DEPTH – REMOVABLE SIDE PANELS

Reference	Features	Color
RCK-6UF60	19" x 6U x 600	Black / 9005
RCK-9UF60	19" x 9U x 600	Black / 9005
RCK-12UF60	19" x 12U x 600	Black / 9005
RCK-15UF60	19" x 15U x 600	Black / 9005

Wall Mount Rack Features::

· Front glass door with lock
· Removable side panels with optional lock installation
· Four adjustable front and rear mounting rails
· Independent wall mounting support
· Cable entry from top and bottom
· Top panel perforated for fan installation
· Load capacity: 60 kg
· Shipping costs for racks not included – please consult us

10" MINI WALL RACKS AND ACCESSORIES

10" MINI WALL RACKS

Reference	Features	Color
MRCK-6U	10"x 6U x 270	Black / 9005
MRCK-7U	10"x 7U x 270	Black / 9005

10" MINI WALL RACK ACCESSORIES

Reference	Features	Color
MRCK-PAN12	10" x 1U panel for 12 Keystone jacks	Black / 9005
MRCK-PAT5E	10" Patch Panel CAT 5e UTP	Black / 9005
MRCK-PAT6	10" Patch Panel CAT 6 UTP	Black / 9005
MRCK-BAN	10" x 1U mini front-mount tray	Black / 9005
MRCK-GUI	10" x 1U mini cable management panel	Black / 9005
MRCK-PDU	10" x 1U power strip with 4 sockets, switch, and LED indicator	Black / Aluminum

19" RACKS (600 mm WIDTH)

600mm WIDTH

Reference	Features	Color
RCK-18U6060	19" x 18U x 600 x 600	Black / 9005
RCK-22U6060	19" x 22U x 600 x 600	Black / 9005
RCK-27U6060	19" x 27U x 600 x 600	Black / 9005
RCK-27U6080	19" x 27U x 600 x 800	Black / 9005
RCK-27U60100	19" x 27U x 600 x 1000	Black / 9005
RCK-27U60120	19" x 27U x 600 x 1200	Black / 9005
RCK-42U6060	19" x 42U x 600 x 600	Black / 9005
RCK-42U6080	19" x 42U x 600 x 800	Black / 9005
RCK-42U60100	19" x 42U x 600 x 1000	Black / 9005
RCK-42U60120	19" x 42U x 600 x 1200	Black / 9005

Features – 19" Rack with 600mm Width:

• Front glass door with lock and rear solid or ventilated door depending on model
• Four adjustable front and rear mounting rails
• Quick-release side panels with optional lock installation
• Load capacity: 800 kg. Leveling feet included. Optional castor set available
• Cable entry from top and bottom
• Shipping costs for racks not included – please consult us

19" RACKS (800 mm WIDTH)

800mm WIDTH

Reference	Features	Color
RCK-27U8080	19" x 27U x 800 x 800	Black / 9005
RCK-27U80100	19" x 27U x 800 x 1000	Black / 9005
RCK-27U80120	19" x 27U x 800 x 1200	Black / 9005
RCK-42U80600	19" x 42U x 800 x 600	Black / 9005
RCK-42U80100	19" x 42U x 800 x 1000	Black / 9005
RCK-42U80120	19" x 42U x 800 x 1200	Black / 9005
RCK-47U8080	19" x 47U x 800 x 800	Black / 9005
RCK-47U80100	19" x 47U x 800 x 1000	Black / 9005

Features – 19" Rack with 800mm Width:

• Front glass door with lock
• Rear solid or ventilated door depending on model
• Four adjustable front and rear mounting rails
• Load capacity: 800 kg
• Vertical cable channels with cover on both sides of the front frame
• Leveling feet included
• Cable entry from top and bottom
• Optional castor set available
• Shipping costs for racks not included – please consult us

ACCESSORIES FOR RACKS AND WALL CABINETS

BLANK PANEL 19"

Reference	Features	Color
1006014 N	19" x 1U	Black / 9005
1006014 PL	19" x 1U "Quick Snap"	Black Plastic
1006015 N	19" x 2U	Black / 9005
1006018 N	19" x 3U	Black / 9005
1006054 N	19" x 4U	Black / 9005

DIN RAIL PANEL

Reference	Features	Color
1006059	19" x 3U with DIN Rail	Black / 9005

19" MOUNTING PLATE

Reference	Features	Color
1006019	19" x 2U	Black / 9005
1006020	19" x 4U	Black / 9005

19" SHELF

Reference	Features	Color
1006027 N	19" x 1U x 180	Black / 9005
1006023-1U	19" x 1U x 280	Black / 9005
1002041	19" x 1U x 400	Black / 9005
1006023	19" x 2U x 280	Black / 9005
1002040	19" x 2U x 400	Black / 9005

FIXED 19" SHELVES

Reference	Features	Color
RCK-BANI60	Fixed for 600mm Racks	Black / 9005
RCK-BANI80	Fixed for 800mm Racks	Black / 9005
RCK-BANI100	Fixed for 1000mm Racks	Black / 9005
RCK-BANF60	4-point adjustable mounting for 600mm Racks	Black / 9005
RCK-BANF80	4-point adjustable mounting for 800mm Racks	Black / 9005
RCK-BANF100	4-point adjustable mounting for 1000mm Racks	Black / 9005
RCK-BANF120	4-point adjustable mounting for 2000mm Racks	Black / 9005

TELESCOPIC 19" SHELVES

Reference	Features	Color
RCK-BANT60	Telescopic for 600mm Racks	Black / 9005
RCK-BANT80	Telescopic for 800mm Racks	Black / 9005
RCK-BANT100	Telescopic for 1000mm Racks	Black / 9005

ACCESSORIES FOR RACKS AND WALL CABINETS

19" CABLE MANAGEMENT WITH PLASTIC HOOKS

Reference	Features	Color
1006025	19" x 1U x 4 hooks	Black / 9005
1006022	19" x 1U x 6 hooks	Black / 9005
1006021	19" x 1U x 10 hooks	Black / 9005
1006031	19" x 1U x 4 hooks and 3 openings	Black / 9005
1006032	19" x 1U x 5 hooks and 4 openings	Black / 9005
1001703	Vertical cable guide, 75mm height	Beige / 9002

19" CABLE MANAGEMENT WITH COVER

Reference	Features	Color
1007022 M	19" x 1U x 60 slots	Black / 9005
1007022 T	19" x 1U x 60 slots with locking pegs	Black / 9005
1007020	19" x 2U x 60	Black / 9005

19" CABLE MANAGEMENT WITH METAL HOOKS

Reference	Features	Color
1006013	19" x 1U x 5 hooks – Hook height: 70mm	Black / 9005
1006013 B	19" x 1U x 5 hooks – Hook height: 50mm	Black / 9005
1006013 C	19" x 1U x 4 Metal Hooks + Brush – Height: 70mm	

19" BRUSHED CABLE EXIT PANELS

Reference	Features	Color
1006012	19" x 1U brush cable exit (open)	Black / 9005
1006012 C	19" x 1U brush cable exit (closed)	Black / 9005

19" BLANK PANELS – SYSTIMAX – KEYSTONE – 1.6/5.6 – BNC – SUB-D

Reference	Features	Color
1006030	19" x 1U x 16 Systimax	Black / 9005
1006029	19" x 1U x 16 Keystone	Black / 9005
1006024 PT	19" x 1U x 24 Keystone with rear cable guide	Black / 9005
1006024 PTA	19" x 1U x 24 Keystone with aluminum rear cable guide	Aluminum
1006024 PTAN	19" x 1U x 24 Angled Keystone UTP/FTP with rear cable guide	Black / 9005
1006035	19" x 1U x 16 openings for DIM 1.6 / 5.6	Black / 9005
1006062	19" x 1U x 20 openings for DIM 1.6 / 5.6	Black / 9005
1006052	19" x 1U x 32 openings for DIM 1.6 / 5.6	Black / 9005
1006053	19" x 1U x 48 openings for DIM 1.6 / 5.6	Black / 9005
1006034	19" x 1U x 16 BNC	Black / 9005
1006038	19" x 1U x 16 SUB-D 9-pin	Black / 9005
1006039	19" x 1U x 15 SUB-D 15-pin	Black / 9005
1006040	19" x 2U x 16 SUB-D 25-pin	Black / 9005
1006042	19" x 2U x 16 SUB-D 37-pin	Grey / 7035

ACCESSORIES FOR RACKS AND WALL CABINETS

VENTILATION UNITS AND RACK ACCESSORIES

Reference	Features	Color
RCK-VEN60	Ceiling fan unit with 2 fans for 600mm depth racks	Black / 9005
RCK-VEN80	Ceiling fan unit with 4 fans for 800mm depth racks	Black / 9005
RCK-VEN100	Ceiling fan unit with 4 fans for 1000mm depth racks	Black / 9005
RCK-VEN1U	19" x 1U fan unit with 4 fans + switch	Black / 9005
RCK-TERMO	Analog thermostat	
RCK-TERDIG	19" x 1U Digital Thermostat for fan units	Black / 9005
RCK-VEN	120x120 mm wall mount rack fan	Black / 9005
RCK-VEN1U2T	19" x 1U fan unit with 2 fans + digital thermostat	Black / 9005
RCK-VEN1U4T	19" x 1U fan unit with 4 fans + digital thermostat	Black / 9005
RCK-RUKIT	Set of 4 rack wheels (2 with brake, 2 without brake)	
1003009-20	Rack mounting hardware (M6 screw, nut, and washer) – Pack of 20	
1003009-M5	Black rack screws, 16mm, M5 – Pack of 100	

19" WALL MOUNT CHASSIS

Reference	Features	Color
1007003	19" x 2U x 236/400	Black / 9005
1007005	19" x 4U x 236/400	Black / 9005

19" POWER STRIPS FOR RACKS – ALUMINUM PROFILE

Reference	Features
1009506 M	19" x 1U, 6 outlets with circuit breaker (16A)
1009508	19" x 1U, 8 outlets + switch
1009508 R	19" x 1U, 8 outlets with switch – Red version
1009508 SI	19" x 1U, 8 outlets without switch + red indicator light
1009509	19" x 1U, 9 outlets without switch
1009509 R	19" x 1U, 9 outlets without switch – Red version
1009518	19" x 1U, 12 IEC C13 outlets + switch
1009519	19" x 1U, 8 IEC C13 outlets + 3 IEC C19 outlets with switch and Schuko male plug
1009518 SI	19" x 1U, 12 IEC C13 outlets + red indicator + surge protection

VERTICAL MOUNT POWER STRIPS FOR RACKS – ALUMINUM PROFILE

Reference	Features
1009624 LSD16	1U x 24 outlets + digital ammeter + CETAC 16A output, with 3-meter RVV cable (3x2.5 mm²)
1009624 LSD32	1U x 24 outlets + 32A ammeter + 2 circuit breakers (16A) + CETAC 32A output, with 3-meter RVV cable (3x4 mm²)

10" POWER STRIPS – ALUMINUM PROFILE

Reference	Features
MRCK-PDU	10" x 1U, 4 outlets with switch and LED indicator

NETWORK ELECTRONICS

RACK SWITCHES

Reference	Features
SW-SO-GI5P	5-Port GIGABIT Switch 10 / 100 / 1000 Mbps, desktop
SW-SO-GI8P	8-Port GIGABIT Switch 10 / 100 / 1000 Mbps, desktop
SW-RCK-48P	48-Port 19” Rackmount Switch 10 / 100 Mbps
SW-RCK-GI16P	16-Port GIGABIT Switch for 19" Rack 10 / 100 / 1000 Mbps
SW-RCK-GI24P	24-Port GIGABIT Switch for 19" Rack 10 / 100 / 1000 Mbps
SW-RCK-GI48P	48-Port GIGABIT Switch + 2 SFP, 19” Rackmount, 10 / 100 / 1000 Mbps

JUNCTION BOXES AND SPLITTERS

WIELAND JUNCTION BOXES AND SPLITTERS

Reference	Features
WIE-CD-1E5S	Pre-wired junction box 1 input - 5 outputs GST18i3
WIE-CD-1E7S	Pre-wired junction box 1 input - 7 outputs GST18i3
WIE-T-1E2S	T-Splitter with 1 male input - 2 female outputs GST18i3, Black
WIE-T-1E2SR	T-Splitter with 1 male input - 2 female outputs GST18i3, Red
WIE-H-1E2S	H-Splitter with 1 male input - 2 female outputs GST18i3, Black
WIE-H-1E3S	H-Splitter with 1 male input - 3 female outputs GST18i3, Black
WIE-H-1E5S	H-Splitter with 1 male input - 5 female outputs GST18i3, Black

CTI

DIVISIÓN CPD'S

SPECIALISTS IN THE MANUFACTURING,SUPPLY, AND INSTALLATION OF HOT AND COLD AISLE CONTAINMENT SYSTEMS FOR DATA CENTERS.

SINCE 2002

CTI ELECTRONICS specializes in the manufacturing, supply, and installation of **hot and cold aisle containment systems (HAC type) and room dividers for data centers, since 2002.**

We have extensive experience working on aisle containment solutions for both existing and newly built data centers.

In existing data centers, we are able to adapt to the current conditions of the aisles—no matter how challenging—to provide the most optimal containment installation solution.

For new data center installations, our flexibility and wide range of accessories and materials allow for a fully customized setup.

We also install solid or mesh-type room dividers, enabling you to make the most of your data center space.

TYPES OF CONTAINMENT SYSTEMS AND THEIR ADVANTAGES
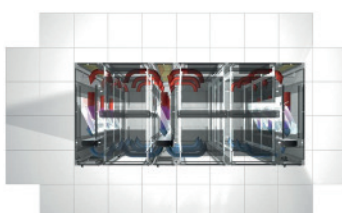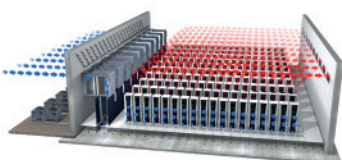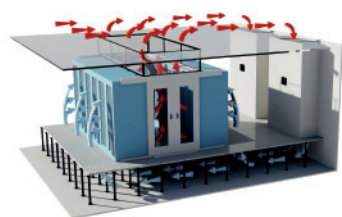
Depending on the client's needs, containment systems can be:

COLD AISLE CONTAINMENT SYSTEMS

HOT AISLE CONTAINMENT SYSTEMS (HAC TYPE)

Based on the type of installation, we can offer different ceiling options:

STANDARD TRANSLUCENT CEILING OR GLASS-EFFECT FINISH

AUTOMATIC DROP-DOWN CEILING ACTIVATED BY FIRE ALARM

CEILING WITH THERMAL FUSE

CEILING MADE OF WATER-SOLUBLE PLASTIC MATERIAL

CEILING THAT BURSTS OPEN AT 68–74°C

VERTICAL CEILINGS FOR HAC-TYPE HOT AISLE CONTAINMENT SYSTEMS

THE ADVANTAGES OF INSTALLING A CONTAINMENT SYSTEM FOR DATA CENTERS INCLUDE:

- **INCREASED COOLING** CAPACITY

- **SEPARATION** OF HOT AND COLD AIR

- **ENERGY SAVINGS** OF AROUND **30%**

- **PRECISE TEMPERATURE CONTROL** WITHIN THE AISLE

- **UP TO 25%** INCREASE IN COOLING **EFFICIENCY**

- **EXTENDED LIFESPAN** OF COOLING EQUIPMENT

- CONTAINMENT **PAYBACK PERIOD OF LESS THAN ONE YEAR**

ROOM DIVISION SYSTEMS

Another one of our specialties since 2002 is the manufacturing and installation of room dividers for data centers. We adapt to the client's needs in terms of size, dimensions, and specifications. Our dividers are fully customizable.

The types of room dividers we manufacture include:

OPAQUE SOLID PANELS: These create a complete visual barrier, preventing visibility into the adjacent room.

MESH-TYPE PANELS: These restrict access to the room while allowing visibility of its contents from the outside. They can be made from perforated sheet metal, flat or crimped mesh, with the pattern, size, and thickness specified by the client.

MIXED PANELS: The lower section is made from opaque panels or perforated sheet metal, and the upper section from mesh to allow better air circulation. Ideal for rooms with ceilings over 4 meters high.

UNDER RAISED FLOOR DIVIDERS: Designed to restrict access by extending below the raised floor. Access is only possible by lifting the floor tiles (Slab to slab configuration).

CEILING SOLUTIONS FOR DATA CENTERS

STANDARD POLYCARBONATE CEILING:

Lightweight and easily accessible

High impact resistance

Easy to clean

74% light transmission rate

Fire performance rating: B-s1, d0 (EN 13501 standard)

Excellent thermal insulation

CRYSTAL-EFFECT POLYCARBONATE CEILING:

Glass-like appearance

Lightweight and easily accessible

High impact resistance

Fire performance rating: B-s1, d0 (EN 13501 standard)

Light transmission rate over 84%

AUTOMATIC OPENING CEILING WITH ALARM SIGNAL:

Opens automatically upon fire alarm signal

Designed for data centers with water mist or sprinkler fire suppression systems

Consists of 1.20 x 0.60 m panels, creating a 1.19 x 0.47 m opening when triggered

Made from high-strength tempered glass
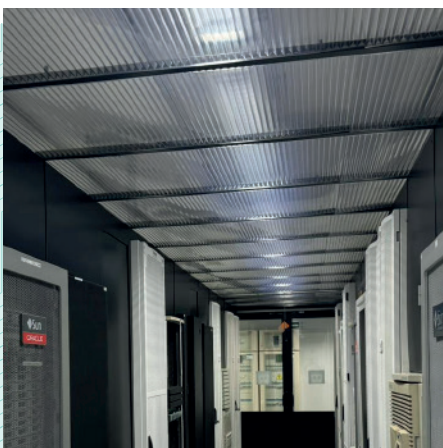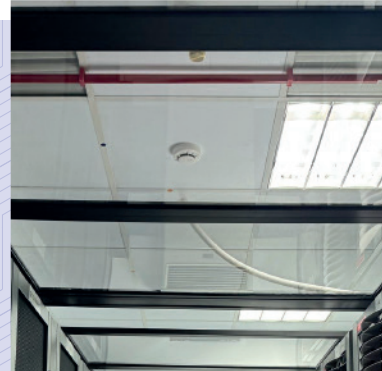
HEAT-SHRINKABLE PLASTIC CEILING (DROP-AWAY TYPE):

Contracts at a specific temperature for use in data centers with water sprinklers

Made from 0.013" thick rigid vinyl, FM Approvals Listed 4651 Cleanroom Material, UL listed

87.67% light transmission

Option to include additional LED lighting inside the enclosure

Fire behavior: B-s2, d0 (Euroclass), UL94-V0 rated

Not recommended for ceiling areas reaching temperatures above 48°C

WATER-SOLUBLE PLASTIC CEILING:

Designed for data centers with water mist or sprinkler fire suppression systems

Dissolves on contact with water, allowing mist or spray to reach the aisle interior

Enhanced visual appearance due to its more rigid material

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THERMAL FUSE CEILING:

Suitable for data centers with water sprinklers, offering a more economical solution than automatic opening systems

Thermal fuse (ANSI/UL 33 compliant) breaks at 57°C, dropping the lightweight polycarbonate panels and allowing sprinkler water to reach the aisle interior.

Available fuse breaking points: 57°C, 68°C, and 74°C

VERTICAL CEILING FOR HOT AISLES:

Typically used in hot aisles, but can also be installed in cold aisles

Can be manufactured in standard polycarbonate or crystal-effect, depending on client requirements
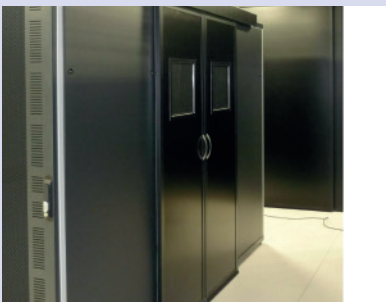
DOOR CONFIGURATIONS

MANUAL SYNCHRONIC SLIDING DOOR:

Constructed with a 40 x 40 mm aluminum profile, oven-coated with black RAL 9005 EPOXY paint. Other colors available upon request.

For double doors, the opening and closing system is manually synchronized (pulling one door will automatically close and open the other). Equipped with side brushes to prevent air leakage.

The door passage is clear of obstacles.

Includes a 350 x 350 mm glass or plastic window. Custom-made windows can be produced based on requirements.

HINGED DOOR:

Single or double leaf hinged doors provide a highly practical solution for accessing the hot zone in aisles with complex access points.

SEMI-AUTOMATIC MANUAL SLIDING DOOR:

Made with a 40 x 40 mm aluminum profile, oven-coated with black RAL 9005 EPOXY paint. Other colors available upon request.

For double doors, the opening system is manual, while the door closure is automatic. Equipped with side brushes to prevent air leakage. The door passage is free from obstacles.

HIGH-SECURITY TEMPERED GLASS DOOR:

Made from 4, 6, or 8 mm high-security tempered glass to prevent cracking from daily activities in the data center.

When the door is not paired with an automatic opening system, the tempered glass is mounted on a 4 cm thick frame.

The door passage is free of obstacles, as with all other doors.

AUTOMATIC SLIDING DOOR:

Made with a 40 x 40 mm aluminum profile, oven-coated with black RAL 9005 EPOXY paint. Other colors available upon request.

Automatic doors can be single or double leaf depending on the configuration of the cold aisle. Equipped with side brushes to prevent air leakage. The door passage is clear of obstacles.

The automatic opening and closing system can be configured in terms of opening/closing times and includes push buttons installed on both the exterior and interior of the aisle. It also allows connection to the central fire alarm system.

PVC LOUVERED DOOR:

Made from 2mm thick PVC louvers with a 200mm wide louver.

Transparent color.

Fire resistance: Grp4 / B2. Self-extinguishing material in case of fire. Other louver options with enhanced fire resistance are available.

A cost-effective solution with lower containment efficiency.

LED LIGHTING WITH MOTION SENSOR inside the aisle, providing additional illumination.

FIRE ALARM AND DOOR RELEASE BUTTONS located inside the aisle.

VISUAL AND AUDIBLE SIGNAL to indicate fire alarm activation.

RUBBER SKIRTING FOR RACK BASES to improve aisle sealing and thermal efficiency. Adaptable to any rack base type.

TEMPERATURE AND HUMIDITY DISPLAY for monitoring aisle interior conditions.

ACCESS CONTROL SYSTEM for the aisle via fingerprint scanner, card reader, or access code.

INTEGRATED ELECTROMAGNETIC LOCK, concealed within the door profile. Includes status monitoring and can be paired with the aisle's access control system.

CUSTOM PRINTING ON DOORS AND REAR BLANK PANELS with the client's logo.

ENCLOSURE COLOR AVAILABLE in any RAL code specified by the client.
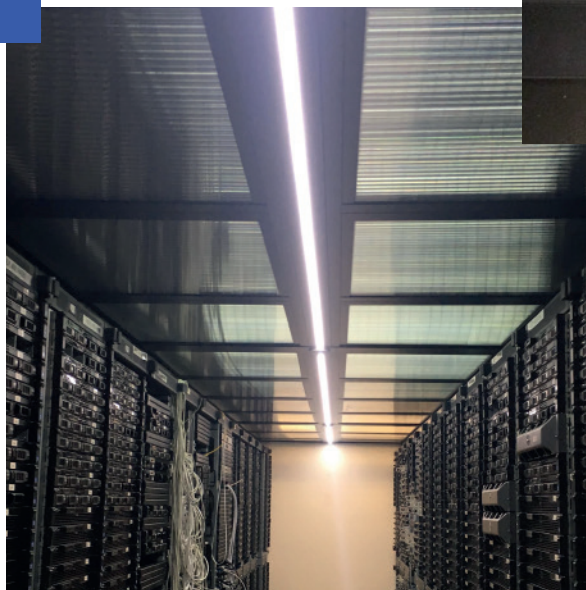
ENERGY EFFICIENCY

Implementing cold aisle containment enclosures is a fast and cost-effective way to improve the energy efficiency of a data center.

The goal is to separate cold and hot aisles, preventing the mixing of airflows.

These enclosures help maintain a uniform temperature along the full height of server racks.

They also eliminate temperature variations of up to 10°C between the bottom and top of the racks, ensuring that the temperature throughout the length of the cold aisles remains as consistent as possible.

When combined with underfloor cold air distribution systems, these enclosures can achieve energy savings of up to 30%.

Airflow Comparison

Conventional Containment | CTI Containment

Air Temperature
- 32,2°C
- 26,7°C
- 21,1°C
- 15,6°C
- 10°C
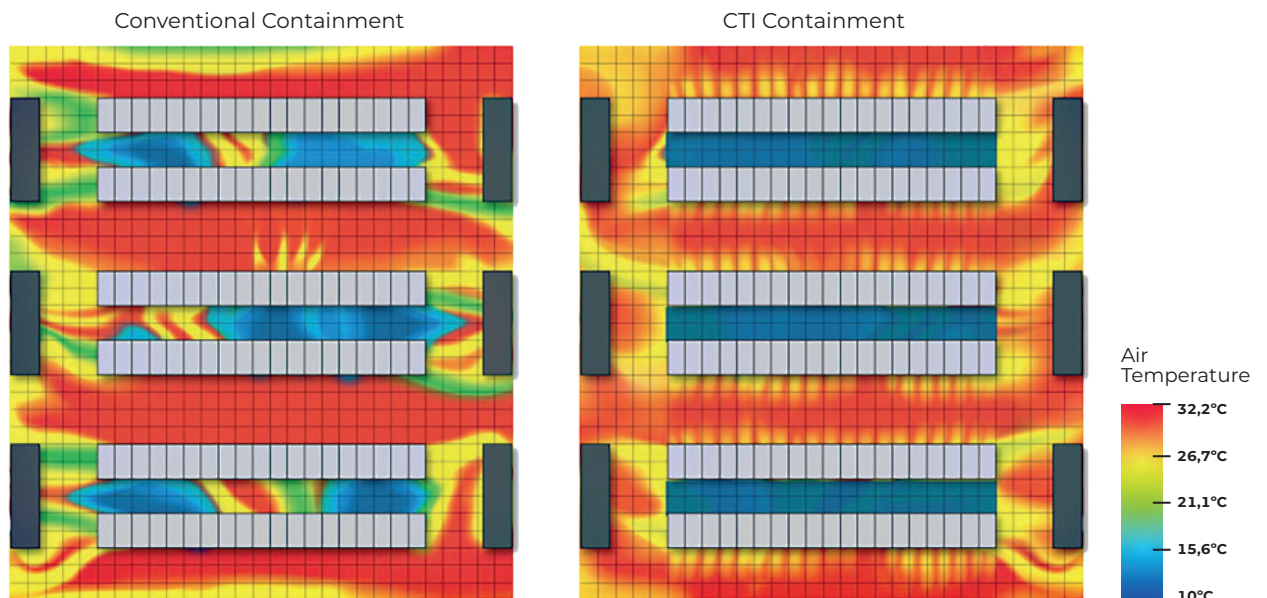
COMPLETED INSTALLATIONS

GENERAL TERMS AND CONDITIONS OF SALE

1ST PURCHASE AND CUSTOMER REGISTRATION

To make your first purchase and register as a customer, please contact our sales department by phone at **+34 91 675 14 15** or by email at **pedidos@ctielectronica.com** / **comercial@ctielectronica.com**.
The first order must be paid by bank transfer, credit card, or cash deposit. Credit card payments are also accepted at our warehouse.

SHIPPING CONDITIONS

Orders placed before 4:00 p.m. will be shipped the same day (later orders, please consult).
Shipping outside the Community of Madrid **(24/48h)** is free of charge for orders over **€350** (excluding VAT), **except for racks**.
Within the Community of Madrid, shipping is free for orders over €200 net, except for racks.
For shipments to the Balearic and Canary Islands, please consult.
For smaller orders, the customer may send their own transport agency to collect the goods at the agreed time.
We can also ship the goods prepaid and include the shipping cost in the invoice.
Please check the received goods within 24 hours of delivery in case of any damage during transport.

RETURN OF GOODS

No returns will be accepted after 15 days from the delivery date.

WARRANTIES

All items are guaranteed in terms of quality and manufacturing. The warranty does not cover damage caused by misuse, impact, or installation.

PRICE LIST

Prices in our catalog are valid unless otherwise stated and subject to change without prior notice by CTI ELECTRONICA, S.L. Unless specified, our quotations and offers are valid for 20 days.

PAYMENT TERMS

Payment terms will be those agreed with your company. In the event of non-payment, insolvency, or bankruptcy, CTI ELECTRONICA S.L. reserves the right to cancel all pending orders without further notice.
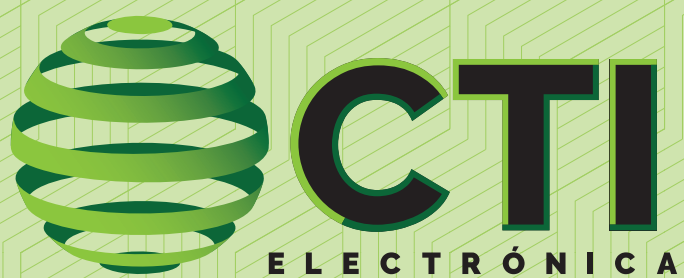
BUSINESS HOURS

Monday to Thursday: 8:00 a.m. – 2:30 p.m. and 4:00 p.m. – 6:30 p.m. Friday: 8:00 a.m. – 3:00 p.m.
July and August: Monday to Friday: 8:00 a.m. – 3:00 p.m.
CTI ELECTRONICA S.L. remains open every day of the year except Saturdays, Sundays, and national holidays.

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