

KEYSTONE JACK SURFACE MOUNT BOXES

- Compatible with virtually all keystone jacks in the industry (e.g. AMP, TNT, Leviton).
- Recessed designation strips with plastic cover for system or station ID.
- Color plastic icons attachable.
- Double sided tape and mounting hardware included.



(Keystone jack not included)



077-SBX-4-XX-D



077-SBX-6-XX-D

ORDER CODE	DESCRIPTION
077-SBX-1-XX	Single Port
077-SBX-1-XX-D	Single Port with Dust Cover
077-SBX-2-XX	Dual Ports
077-SBX-2-XX-D	Dual Ports with Dust Cover
077-SBX-4-XX-D	4 Ports with Dust Cover
077-SBX-6-XX-D	6 Ports with Dust Cover

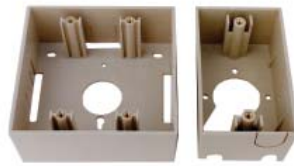
XX = Color WH IV

UNIVERSAL SURFACE MOUNTING BOXES

- Surface mount boxes for 071, 072, 073, 074, and 07M series single and double gang face plates.

ORDER CODE	DESCRIPTION
071-BOX-XX	Single Gang
071-BOX2-XX	Double Gang

XX = Color WH IV

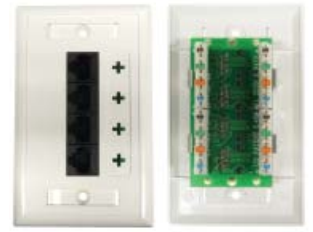


ENHANCED CAT5 RJ-45 FLUSH MOUNT JACKS

- 110 type IDC termination; AT&T 258A (568B) or 568A Wiring.

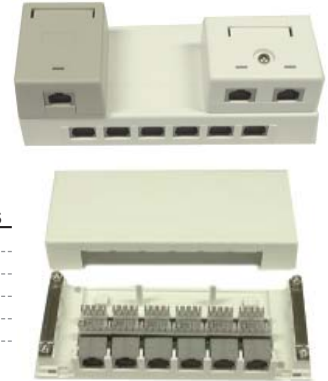
ORDER CODE	# RJ-45'S
074-F-01-258A-XX	1
074-F-01-568A-XX	1
074-F-02-258A-XX	2
074-F-02-568A-XX	2
074-F-04-258A-XX	4
074-F-04-568A-XX	4

XX = Color WH IV



ENHANCED CAT5 RJ-45 SURFACE MOUNT JACKS

- UL Verified CAT5E.
- 110 type IDC termination.
- 6-port version is ideal for terminating with 25-pair cables.
- AT&T 258A (568B) or 568A Wiring.
- Station ID strip.



ORDER CODE	# RJ-45'S
074-S-01-258A-XX	1
074-S-01-568A-XX	1
074-S-02-258A-XX	2
074-S-02-568A-XX	2
074-S-06-258A-XX	6
074-S-06-568A-XX	6

XX = Color WH IV

CAT5E IN-LINE COUPLERS

CAT5E 110-PUNCH DOWN TYPE IN-LINE COUPLER

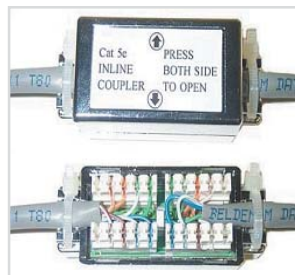
- Designed to extend or to fan out CAT5E 4-pair cable without RJ45 connection.
- Wiring Scheme: pin to pin, 568A and/or 568B(258A) standard.
- Internal PCB (Printed Circuit Board) structure with plastic enclosure - meets EIA/TIA 568A CAT5E specifications.
- Color-coded 110 type terminal.
- Surface mountable enclosure with cable tie holes.



ORDER CODE
080-110-4

SHIELDED CAT5E 110 - PUNCH DOWN TYPE IN-LINE COUPLER

- For extension or fan out of shielded CAT5E 4-pair cable without RJ-45 connection.
- Shielded enclosure with one dedicated terminal for drain wire punch down.
- Wiring Scheme: Pin to Pin; universal for both 568A and 568B(258A) standards.
- Internal PCB (Printed Circuit Board) structure with chrome plated enclosure - meets EIA/TIA 568A CAT5E specifications.
- Color-coded 110 type terminal.
- Surface mountable enclosure with cable tie holes.



ORDER CODE
080-110-4-SH

CAT5E RJ-45 IN-LINE COUPLER

- Meets EIA/TIA 568A CAT5E specifications.
- The most compact RJ-45 in-line coupler.
- Patented Printed Circuit Board design.



ORDER CODE
080-RJ45-S-C5-WH-N

CAT5E PANEL MOUNT MINI COUPLER

- RJ-45; 8P8C Female to Female.
- PCB design; Panel mountable.



ORDER CODE
080-885-C5-M-N

CAT5E SHIELDED MINI COUPLER

- Straight-thru pin-to-pin wiring configuration.
- Superior PCB design ensures highest performance.
- Meets EIA/TIA 568A CAT5E specifications.
- Snap-in type enclosure.



ORDER CODE
080-C5E-SI-SH-M-N

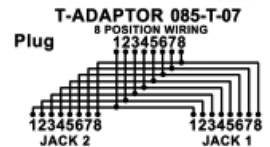
** LUCENT NIE EXEMPTION TYPE **

** RoHS AVAILABLE UPON REQUEST **

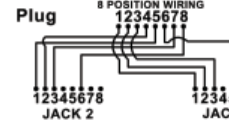
CAT5E ADAPTERS

CATEGORY 5E T-ADAPTER

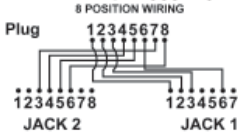
- Designed to split one CAT5E 4-pair cable into two connections.
- Wiring Scheme: Ethernet 10/100Base-TX application.
- Internal PCB (Printed Circuit Board) structure - meets EIA/TIA 568A CAT5E specifications.
- Pig-tail cable: Cat5E stranded, 6" long.
- Identification icons included.



T-ADAPTER 085-T-C5E



T-ADAPTOR 085-T-04



ORDER CODE	DESCRIPTION
085-T-C5E	CAT5E T Adapter
085-T-04	10/100 Base TX/Token Ring Wiring
085-T-07	All 8 Wires

T-ADAPTER CABLE, AND Y-SPLIT CABLE

- Custom cable assemblies per customer's wiring configuration. Please provide wiring information upon placing orders.



ORDER CODE	DESCRIPTION
084-Y-05	8 Wire Y Cable, 5 feet
085-T	8 Wire T Cable

100 BASE-TX CROSS OVER ADAPTER

- Pin 1, 2/3, 6 crossover; ideal for Hub to Hub cascade, or station to station connection.
- Printed Circuit Board design ensures CAT5E performance.

ORDER CODE	DESCRIPTION
080-88-CR-C5	100MBPS



CAT6 110- PUNCH DOWN TYPE IN-LINE SHIELDED COUPLER

- For extension or fan out of shielded CAT6 4-pair cable without RJ-45 connections.
- Shielded enclosure with one dedicated terminal for drain wire punch down.
- Wiring Scheme: Pin to Pin, universal for both 568A or 568B(258A) standard.
- Internal PCB (Printed Circuit Board) structure with chrome plated enclosure - meets EIA/TIA CAT6 specifications.
- Surface mountable enclosure with cable tie loops.
- Color-coded 110 punch down terminals.



ORDER CODE
080-110-4-SH-C6

SHIELDED CAT6 RJ45 IN-LINE COUPLER-PANEL MOUNTABLE

- Snap-In type enclosure allows easy mounting onto any Keystone Jack wall plates or panels.
- Fully shielded enclosure meets EMI/RFI requirements.



ORDER CODE
080-885-C6-SI-SH-R

CAT5E SHIELDED MINI COUPLER

- Straight-thru pin-to-pin wiring configuration.
- Superior PCB design ensures highest performance.
- Meets EIA/TIA 568A CAT5E specifications.
- Shielded enclosure meets EMI/RFI requirements.
- Snap-in type enclosure allows easy mounting onto any keystone jack wall plates or panels.



ORDER CODE
080-C5E-SI-SH-M

SHIELDED CAT5E 110 - PUNCH DOWN TYPE IN-LINE COUPLER

- For extension or fan out of shielded CAT5E 4-pair cable without RJ-45 connection.
- Shielded enclosure with one dedicated terminal for drain wire punch down.
- Wiring Scheme: Pin to Pin; universal for both 568A and 568B(258A) standards.
- Internal PCB (Printed Circuit Board) structure with chrome plated enclosure - meets EIA/TIA 568A CAT5E specifications.
- Color-coded 110 type terminal.
- Surface mountable enclosure with cable tie holes.



ORDER CODE
080-110-4-SH

SHIELDED RJ-45 IN-LINE COUPLER

- Snap-in type design.
- Full metal enclosure, shielded.
- Pin-to-pin configuration.



ORDER CODE
080-885-SI-SH

CAT5E SHIELDED KEYSTONE JACKS

- True 110-Type IDC termination with strain-relief cap.
- Two-piece snap-on type metal enclosure provides 100% shielding.
- Unique cable entry holder to fit with different cable OD.
- Metal enclosure connects to pin in the 110 connector to provide drain wire direct connection.
- 50µ" gold plating on jack contacts - meet all FCC part 68 specification.
- UL Verified CAT5E - meet EIA/TIA T5B-40A specification.

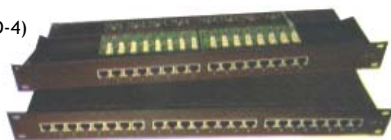


ORDER CODE	DESCRIPTION
07E-I88-BK	CAT5E, 8P8C RJ-45
07E-I88-BK-W	CAT5E, 8P8C RJ-45, without Metal Enclosure
07E-I88-C6	CAT6 110 90° Termination Keystone Jack

PANELS

SHIELDED CAT5E PATCH PANEL

- Fully shielded RJ-45 jack - right angle type, 50µ", PBT 94V-0.
- 9 pin of new terminal block (110D-4) - combines two wiring printing of T568A and B to save one stock - drain wire punched down into pin 9.
- Port number labeled at the cable entrance for easy installation.
- Cable holder press foil or shield to contact ground and keep the cable straight.
- Cable Clip Screw holds tightly two cables at a time.
- 1.60mm thick metal top/bottom case, black color.
- Ground wire: 22 AWG with terminals, 450mm.



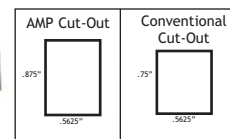
ORDER CODE	# PORTS
01H-16	16
01H-24	24

SHIELDED KEYSTONE JACK PANEL



(Jacks Not Included)

- 1/8" thickness steel panel.
- Clear numbering of openings.
- Zinc plated back panel, ivory color front panel.



ORDER CODE	TYPE	DESCRIPTION
012-008-SH	AMP	8-Port, 1 Rack Space, 1.75" High
014-008-SH	Conventional	8-Port, 1 Rack Space, 1.75" High
014-012-SH	Conventional	12-Port, 1 Rack Space, 1.75" High
014-016-SH	Conventional	16-Port, 1 Rack Space, 1.75" High
014-024-SH	Conventional	24-Port, 2 Rack Spaces, 3.50" High
014-032-SH	Conventional	32-Port, 2 Rack Spaces, 3.50" High
014-048-SH	Conventional	48-Port, 3 Rack Spaces, 5.25" High
014-064-SH	Conventional	64-Port, 4 Rack Spaces, 7.00" High
014-096-SH	Conventional	96-Port, 5 Rack Spaces, 8.75" High

CABLES/ACCESSORIES



SHIELDED BULK CABLE

- 1000 feet per reel.

XX = Color	Colors on page
06F-R4P-T-24-XX-SH	21
06G-R4P-T-26-XX-SH	19

ORDER CODE	DESCRIPTION
062-F4C-T-26-(SV/BK)-SH	4 Conductors, Flat, Silver or Black
062-F6C-T-26-(SV/BK)-SH	6 Conductors, Flat, Silver or Black
06F-R4P-T-24-XX-SH	CAT5E Stranded, 4-Pair, Round
06F-R4P-S-24-GY-SH	CAT5E Solid, 4-Pair, Round, Gray
06G-R4P-S-24-GY-SH	CAT6 Shielded Twist Pair, Solid, Gray
06G-R4P-T-26-XX-SH	CAT6 Shielded Twist Pair, Stranded

** Additional order in special colors available via TNT-China. MOQ is 10,000 feet. **

SHIELDED RJ-45 MODULAR PLUGS

- 50µ" gold plating, for solid and or stranded cables.

ORDER CODE	DESCRIPTION
060-R88-T-50-SH	8P8C, RJ-45 Stranded
060-R88-S-50-SH	8P8C, RJ-45 Solid
060-R88-T-50-C5E-SH	8P8C, CAT5E Stranded
060-R88-T-50-C6-SH	8P8C, CAT6 Stranded



CAT5E CABLES

MOLDED TYPE (SHIELDED) RJ-45 WITH SNAG FREE BOOT

- Molded strain relief with snag free cap from the cable entry to the end of plug.
- Cable: ETL/UL verified CAT5E, 24 AWG, stranded (7x32) bare copper, 4 twisted pairs with aluminum mylar foil shielded, drain wire.
- Staggered type CAT5E RJ-45 plug reduces NEXT.



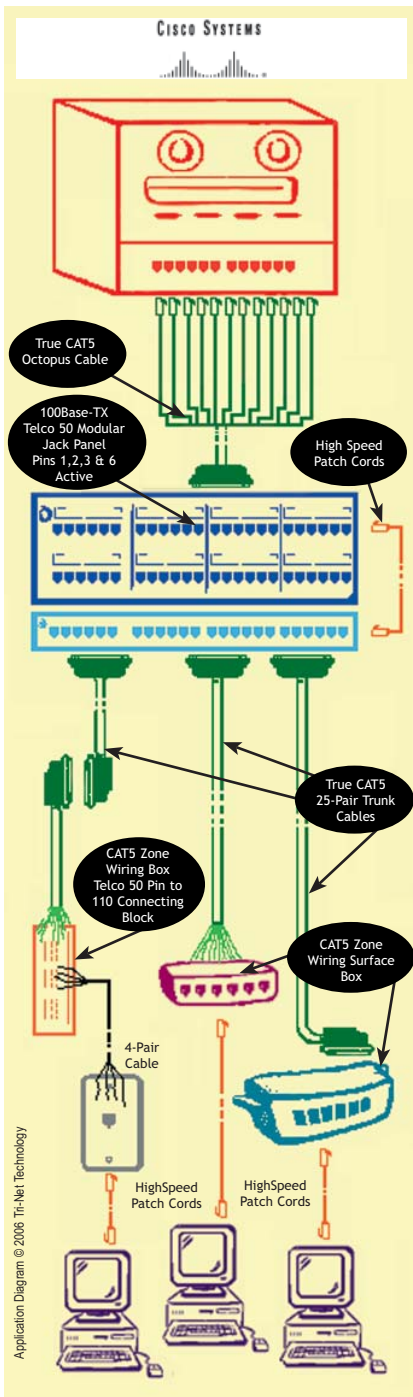
ORDER CODE	LENGTH
05BH-01-A-YY/XX	1 foot
05BH-02-A-YY/XX	2 feet
05BH-03-A-YY/XX	3 feet
05BH-05-A-YY/XX	5 feet
05BH-07-A-YY/XX	7 feet
05BH-10-A-YY/XX	10 feet
05BH-15-A-YY/XX	15 feet
05BH-20-A-YY/XX	20 feet
05BH-25-A-YY/XX	25 feet
05BH-50-A-YY/XX	50 feet
05BH-75-A-YY/XX	75 feet
05BH-100-A-YY/XX	100 feet

Custom Wiring and Length Available

XX = Injection Mold Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
BR = Brown
RD = Red
OR = Orange
YL = Yellow
IV = Ivory
PK = Pink

YY = Cable Color
GY = Gray
BK = Black
BL = Blue
GN = Green
RD = Red
YL = Yellow





Fast Ethernet Hub (CISCO Catalyst 5000) with RJ-45 Module

CAT5 TELCO 50 RJ-45 MODULAR JACK PANEL

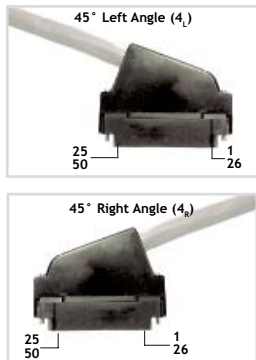


- RJ-45 jacks on Print Circuit Board in the front, with RJ-21 female connectors in the back.
- Compliant with EIA/TIA 568A Category 5 standard, performs end-to-end true Category 5 connection.
- Available in 24-port and 48-port versions; RJ-45: all 8 pins are active.

ORDER CODE	# PORT	PRODUCT NUMBER
ATT-108 236 142	24	2500CAT5PS2-24B
ATT-108 236 159	48	2500CAT5PS2-48B

TRUE CATEGORY 5 - 25-PAIR TRUNK CABLE

- Systimax's 525 Telco 50 pin connector and 1061C 25-pair PVC cable, assembled by Tri-Net Technology.
- Exceeds EIA/TIA 568A CAT5 PowerSum NEXT (PSNEXT) requirements by an average factor of 6 dB.
- Male Telco 50 pin connector with 45° (left or right angle), 90°, or 180° hoods.
- Female Telco 50 pin connector is available in 90° hoods only.
- Plenum cable assembly is also available upon request.



SYSTIMAX®

25-PAIR TYPE 12 LEGS 100BASE-TX OCTOPUS CABLE

- Male Telco 50 connector on one end, 12 X RJ-45 (PIN 1, 2, 3 and 6) fan-out legs.
- Female Telco 50 connector one one end, 12 X RJ-45 (PIN 1, 2, 3 and 6) fan-out legs.

ORDER CODE	DESCRIPTION
04A-1-M-T-XX/YY	180° (M) to 12 Legs
04A-(4/4 _L)-M-T-XX/YY	45° (M) to 12 Legs
04A-9-M-T-XX/YY	90° (M) to 12 Legs

ORDER CODE	DESCRIPTION
04A-9-F-T-XX/YY	90° (F) to 12 Legs

XX = Cable Length, YY = Length of Fan-Out Legs; Fan-Out Legs cannot be longer than 2 feet.

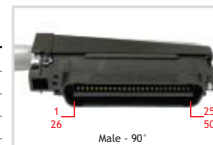
- Male connectors both ends, PVC cable.

ORDER CODE	DESCRIPTION
04A-11-MM-10	180° to 180°, 10 feet
04A-19-MM-10	180° to 90°, 10 feet
04A-1(4/4 _L)-MM-10	180° to 45°, 10 feet
04A-(4/4 _R)(4/4 _L)-MM-10	45° to 45°, 10 feet
04A-(4/4 _R)-MM-9-10	45° to 90°, 10 feet
04A-99-MM-10	90° to 90°, 10 feet

Custom Length: 04A-(X₁X₂)-MM-(length in feet) PVC

Custom Length: 04B-(X₁X₂)-MM-(length in feet) Plenum

X₁ and X₂ = Connector Type; 1 = 180°, 4_L = 45° (left angle), 4_R = 45° (right angle), 9 = 90°



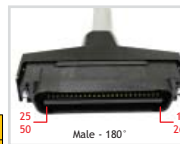
- Male connectors both ends, open the other end, PVC cable.

ORDER CODE	DESCRIPTION
04A-10-M-10	180° to Open, 10 feet
04A-(4/4 _L)-M-0-10	45° to Open, 10 feet
04A-90-M-10	90° to Open, 10 feet

Custom Length: 04A-(X)0-M-(length in feet) PVC

Custom Length: 04B-(X)0-M-(length in feet) Plenum

X = Connector Type; 1 = 180°, 4_L = 45° (left angle), 4_R = 45° (right angle), 9 = 90°



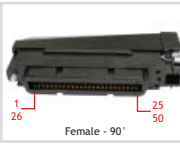
- Male connector one end, female the other end, PVC cable.

ORDER CODE	DESCRIPTION
04A-19-MF-10	180° (M) to 90° (F), 10 feet
04A-(4/4 _L)-MF9-10	45° (M) to 90° (F), 10 feet
04A-99-MF-10	90° (M) to 90° (F), 10 feet

Custom Length: 04A-(X)-(X₂)-MF-(length in feet) PVC

Custom Length: 04B-(X)-(X₂)-MF-(length in feet) Plenum

X₁ = Male Connector Type; 1 = 180°, 4_L = 45° (left angle), 4_R = 45° (right angle)



- Female connectors both ends, PVC cable.

ORDER CODE	DESCRIPTION
04A-99-FF-10	90° to 90° (F), 10 feet

Custom Length: 04A-99-FF-(length in feet) PVC

Custom Length: 04B-99-FF-(length in feet) Plenum



MODULAR JACK PANELS

CAT5E 110, RJ-45 MODULAR JACK PANEL



- Modular RJ-45 to 110 patch panel.
- 568B (258A) wiring.

ORDER CODE	# PORT	PRODUCT NUMBER
ATT-108 208 919	24	1100PSCAT5E-24B
ATT-108 208 935	48	1100PSCAT5E-48B



SYSTIMAX®

100BASE-TX TELCO 50 MODULAR JACK PANEL



- Designed to work with 100Base-TX Hubs; 4 built-in female Telco 50 pin connection.
- Compliant with EIA/TIA 568A CAT5 and PowerSum NEXT requirements.
- Available in 48-port version only; RJ-45 Pins 1, 2, 3, and 6 are active.

ORDER CODE	# PORT	PRODUCT NUMBER
ATT-108 236 167	48	2512CAT5PS2-48

CATEGORY 5 25-PAIR CABLE ASSEMBLY (BELDEN)

- Exceeds EIA/TIA 568A CAT5 requirement by an average factor of 6 dB above.
- CAT5 Avaya 525 Telco 50 pin male or female connectors.
- Cable: Belden 1864A CAT5 25 pair PVC.

TRUNK CABLE ASSEMBLY

- Male connectors both ends, PVC cable.



ORDER CODE	DESCRIPTION
04C-11-MM-05	180° to 180°, 5 feet
04C-19-MM-05	180° to 90°, 5 feet
04C-1(4/4 _L)-MM-05	180° to 45°, 5 feet
04C-(4/4 _R)(4/4 _L)-MM-05	45° to 45°, 5 feet
04C-(4/4 _R)9-MM-05	45° to 90°, 5 feet
04C-99-MM-05	90° to 90°, 5 feet

CUSTOM LENGTH: 04C-(X,X_i)-MM-(length in feet) - PVC and Plenum
 X_i and X_e = Connector Type; 1 = 180°, 9 = 90°, 4_L = 45° (left angle), 4_R = 45° (right angle).

- Male connector one end, Female the other end, PVC cable.

ORDER CODE	DESCRIPTION
04C-19-MF-05	180° (M) to 90° (F), 5 feet
04C-(4/4 _R)9-MF-05	45° (M) to 90° (F), 5 feet
04C-99-MF-05	90° (M) to 90° (F), 5 feet

CUSTOM LENGTH: 04C-(X,9)-MF-(length in feet) - PVC and Plenum
 X = Male Connector Type; 1 = 180°, 9 = 90°, 4_L = 45° (left angle), 4_R = 45° (right angle).

- Male connector one end, open the other end, PVC cable.

ORDER CODE	DESCRIPTION
04C-10-M-05	180° to Open, 5 feet
04C-(4/4 _R)0-M-05	45° to Open, 5 feet
04C-90-M-05	90° to Open, 5 feet

CUSTOM LENGTH: 04C-(X)0-M-(length in feet) - PVC and Plenum
 X = Connector Type; 1 = 180°, 9 = 90°, 4_L = 45° (left angle), 4_R = 45° (right angle).

- Female connectors both ends, PVC cable.

ORDER CODE	DESCRIPTION
04C-99-FF-05	90° (F) to 90° (F), 5 feet



OCTOPUS CABLES

25-PAIR TYPE 12 LEGS 100BASE-TX OCTOPUS CABLE

- Male Telco 50 connector on one end, 12 x RJ-45 (pin 1, 2, 3 and 6) fan-out legs.

ORDER CODE	DESCRIPTION
04C-1-M-T-XX/YY	180° (Male) to 12 Legs
04C-(4/4 _R)-M-T-XX/YY	45° (Male) to 12 Legs
04C-9-M-T-XX/YY	90° (Male) to 12 Legs

- Female Telco 50 connector on one end, 12 x RJ-45 (pin 1, 2, 3 and 6) fan-out legs.

ORDER CODE	DESCRIPTION
04C-T-9-F-XX/YY	90° (Female) to 12 Legs

XX = Length of Cable | YY = Length of Fan-Out Legs; Fan-Out Legs not to exceed 3 feet length.



TRUE CATEGORY 5 OCTOPUS CABLE

- Composed of Avaya's 525 Telco 50 pin connector with Cat 5 stranded cable.
- Male Telco 50 pin connector with 45° (left or right angle), 90°, or 180° hoods.
- 6 or 12 legs with RJ-45 connectors.
- Female 50 pin connector in 90° hood only.

ORDER CODE	WIRING	HOOD	# LEGS
03B-806-M9-A-XX	258A (568B)	90° male	6
03B-806-F9-A-XX	258A (568B)	90° female	6
03B-806-M1-A-XX	258A (568B)	180°	6
03B-806-M(4L/4R)-A-XX	258A (568B)	45° (left/right)	6
03B-806-M9-E-XX	568A	90° male	6
03B-806-F9-E-XX	568A	90° female	6
03B-806-M1-E-XX	568A	180°	6
03B-806-M(4L/4R)-E-XX	568A	45° (left/right)	6
03B-412-M9-T-XX	100Base-TX	90° male	12
03B-412-F9-T-XX	100Base-TX	90° female	12
03B-412-M1-T-XX	100Base-TX	180°	12
03B-412-M(4L/4R)-T-XX	100Base-TX	45° (left/right)	12

XX = Length of Cable (feet)



BULK CABLES

25 PAIR CABLE

- PVC version, 24 AWG.
- Plenum 25 Pair Cable also available.



ORDER CODE	DESCRIPTION
BEL-1864A	24 AWG, 25 Pair Cable, PVC, CAT5
BEL-1232A	24 AWG, 25 Pair Cable, PVC, CAT3



TELCO 50 PIN 100 BASE-TX PATCH PANEL



- Meets and exceeds EIA/TIA Category 5E Channel Performance specification.
- 12 x RJ-45, Pins 1, 2, 3 and 6 active to each Female Telco 50 pin connector, wired for 100 Base-TX application.
- 24 port: 2 Female Telcos, 48 port : 4 Female Telcos.
- 3.5 inches high panel in 24 ports or 48 ports version.
- Metal back cover protects printed circuit board from exposure to prevent short circuiting.
- Wire organizing D-ring attached to organize patch cables.
- Patented printed circuit design - ensures stable Cat5E performance.

ORDER CODE	DESCRIPTION
01F-24	100 Base-TX 24 Ports Patch Panel
01F-48	100 Base-TX 48 Ports Patch Panel



100 BASE-TX ZONE WIRING BOX

- Meets and exceeds EIA/TIA Category 5E Channel Performance specification.
- 12 RJ-45, Pins 1, 2, 3 and 6 active to one Female Telco 50 pin connector for 100 Base-TX application.
- Mounting hardware are included.
- Designed as intermediate distributing frame (IDF) for 100 Base-TX 25 pair cabling solution.



ORDER CODE	DESCRIPTION
065-12	12-Ports Zone Wiring Box

25 - PAIR TRUNK / OCTOPUS CABLES

25-PAIR TRUNK CABLE (USE AMP CHAMP CONNECTOR)

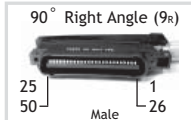
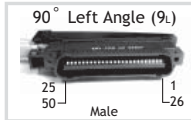
- Category 3 or 5, 24 AWG Solid Twisted Pair cable; PVC or Plenum.
- Custom lengths are available upon request.

ORDER CODE	DESCRIPTION
040-X _i X _e -(Gender)-05	CAT3, 5 feet, PVC
040-X _i X _e -(Gender)-10	CAT3, 10 feet, PVC
040-X _i X _e -(Gender)-20	CAT3, 20 feet, PVC
040-X _i X _e -(Gender)-YY	Custom Length, PVC
041-X _i X _e -(Gender)-05	CAT3, 5 feet, Plenum
041-X _i X _e -(Gender)-10	CAT3, 10 feet, Plenum
041-X _i X _e -(Gender)-20	CAT3, 20 feet, Plenum
041-X _i X _e -(Gender)-YY	Custom Length, Plenum
042-X _i X _e -(Gender)-05	CAT5, 5 feet, PVC
042-X _i X _e -(Gender)-10	CAT5, 10 feet, PVC
042-X _i X _e -(Gender)-20	CAT5, 20 feet, PVC
042-X _i X _e -(Gender)-YY	Custom Length, PVC
043-X _i X _e -(Gender)-05	CAT5, 5 feet, Plenum
043-X _i X _e -(Gender)-10	CAT5, 10 feet, Plenum
043-X _i X _e -(Gender)-20	CAT5, 20 feet, Plenum
043-X _i X _e -(Gender)-YY	Custom Length, Plenum

X_i and X_e = Connector Type; 1 = 180°, 9 = 90°

(Gender) of Telco: MM = Male-to-Male
 FF = Female-to-Female
 MF = Male-to-Female

YY = Custom Length



OCTOPUS CABLE

- Telco 50 pin to RJ-11 or RJ-45 plugs.
- Clear numbering on each leg (3 feet).
- Cable Type: CAT5, 24 AWG, Stranded, UTP, Round.
- Custom wiring or length is available upon request.

ORDER CODE	#LEGS	ACTIVE PINS	WIRING
035-224(M/F) X _i -62U03-XX	24	6P2C(3,4)	USOC
035-412(M/F) X _i -64U03-XX	12	6P4C(2-5)	USOC
035-412-(M/F) X _i -84T03-XX	12	8P4C(1,2,3,6)	10 Base-T
035-608-(M/F) X _i -66U03-XX	8	6P6C(1-6)	USOC
035-806-(M/F) X _i -88A03-XX	6	8P8C(1-8)	258A
035-806-(M/F) X _i -88E03-XX	6	8P8C(1-8)	568A

(M/F) = Gender of Telco: M = Male / F = Female; X_i = Connector Type; 1 = 180°, 9 = 90°

XX = Color	WH	BK	PP	RD	OR	IV
	GY	BL	GN	BR	YL	PK

TELCO 50 PIN GENDER CHANGER

ORDER CODE	DESCRIPTION
04G-50MM	Male to Male
04G-50MF	Male to Female
04G-50FF	Female to Female



MODULAR PATCH PANELS -110-TYPE HIGH DENSITY, CATEGORY 4

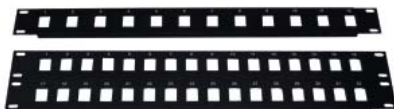
- Compact low profile, saves space:
24-Port: 1 rack space (1.75" H),
48-Port: 2 rack spaces (3.5" H),
96-Port: 4 rack spaces (7" H).
- Near-End CrossTalk (NEXT) at
16 MHz greater than -46dB,
exceeds CAT4.



ORDER CODE	# PORTS	ACTIVE PINS	WIRING
018-424-064-U	24 RJ-11	6P4C (2 - 5)	USOC
018-448-064-U	48 RJ-11	6P4C (2 - 5)	USOC
018-424-084-U	24 RJ-45	8P4C (3 - 6)	USOC
018-448-084-U	48 RJ-45	8P4C (3 - 6)	USOC
018-424-084-T	24 RJ-45	8P4C (1, 2, 3, 6)	10Base-T
018-448-084-T	48 RJ-45	8P4C (1, 2, 3, 6)	10Base-T
018-624-066-U	24 RJ-12	6P6C (1 - 6)	USOC
018-648-066-U	48 RJ-12	6P6C (1 - 6)	USOC
018-824-088-258A	24 RJ-45	8P8C (1 - 8)	258A
018-848-088-258A	48 RJ-45	8P8C (1 - 8)	258A
018-824-088-568A	24 RJ-45	8P8C (1 - 8)	568A
018-848-088-568A	48 RJ-45	8P8C (1 - 8)	568A

19" BLANK PANEL FOR KEYSTONE JACKS & FEED-THRU JACKS

- Black color, 1/16" thickness.
- Cutout dimension meets virtually all snap-in jacks.
- Numbering on panel.



ORDER CODE	# CUTOUTS	HEIGHT	# RACK SPACE
014-012-B	12	1.75"	1
014-016-B	16	1.75"	1
014-024-B	24	3.50"	2
014-032-B	32	3.50"	2
014-048-B	48	5.25"	3

1U (3 1/4") & 2U (3 1/2") HIGH DENSITY 24 / 48-PORT FEED-THRU PANEL

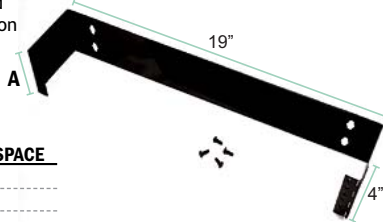
- 19" wide black color, 1/8" thick steel panel.
- Clear white silk screen number on the panel.
- Mini couplers can be loaded: RJ-12, RJ-45, CAT5E, CAT6.



ORDER CODE	DESCRIPTION
016-024	1U 24-Port Blank Panel (Flush Type)
016-048	2U 48-Port Blank Panel (Flush Type)

4" DEEP HINGED WALL MOUNT BRACKET

- Swing arms - easy to access mounted panel for maintenance and installation
- Mounting holes with nuts, meets EIA standard.
- 19" wide, 4" deep.



ORDER CODE	(A) HEIGHT	RACK SPACE
021-001	1.75"	1
021-002	3.50"	2
021-003	5.25"	3
021-004	7"	4
021-005	8.75"	5
021-007	12.25"	7

MODULAR PATCH PANEL - TELCO TYPE, HIGH DENSITY, CATEGORY 4

- Compact, low profile:
24 Port: 1 rack space (1.75" H),
48 Port: 2 rack space (3.5" H),
96 Port: 4 rack space (7" H),
- Equipped with Male Telco50 pin.



ORDER CODE	# PORTS	ACTIVE PINS	WIRING
017-224-M62-U	24 RJ-11	6P2C (3 - 4)	USOC
017-248-M62-U	48 RJ-11	6P2C (3 - 4)	USOC
017-424-M64-U	24 RJ-11	6P4C (2 - 5)	USOC
017-448-M64-U	48 RJ-11	6P4C (2 - 5)	USOC
017-424-M84-T	24 RJ-45	8P4C (1, 2, 3, 6)	10Base-T
017-448-M84-T	48 RJ-45	8P4C (1, 2, 3, 6)	10Base-T
017-624-M66-U	24 RJ-12	6P6C (1 - 6)	USOC
017-648-M66-U	48 RJ-12	6P6C (1 - 6)	USOC
017-824-M88-258A	24 RJ-45	8P8C (1 - 8)	258A
017-848-M88-258A	48 RJ-45	8P8C (1 - 8)	258A
017-824-M88-568A	24 RJ-45	8P8C (1 - 8)	568A
017-848-M88-568A	48 RJ-45	8P8C (1 - 8)	568A

** Female Telco available upon request **

JACK-TO-JACK FEED-THRU MODULAR PANEL

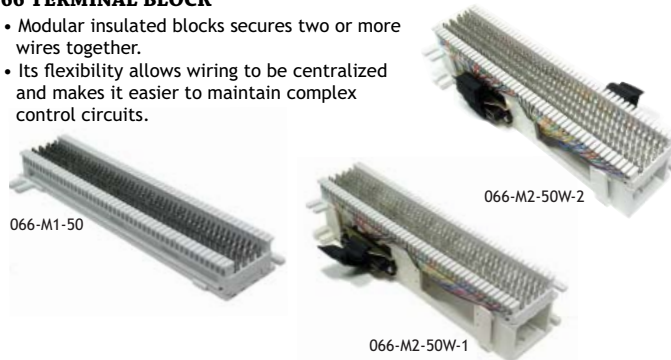
- Loaded with snap-in type in-line couplers.



ORDER CODE	# PORTS	TYPE OF JACK	# RACK SPACE
012-612	12	6P x 6C RJ-12	1 (1.75")
012-616	16	6P x 6C RJ-12	1 (1.75")
012-624	24	6P x 6C RJ-12	2 (3.5")
012-632	32	6P x 6C RJ-12	2 (3.5")
012-648	48	6P x 6C RJ-12	3 (5.25")
012-812	12	8P x 8C RJ-45	1 (1.75")
012-816	16	8P x 8C RJ-45	1 (1.75")
012-824	24	8P x 8C RJ-45	2 (3.5")
012-832	32	8P x 8C RJ-45	2 (3.5")
012-848	48	8P x 8C RJ-45	3 (5.25")

66 TERMINAL BLOCK

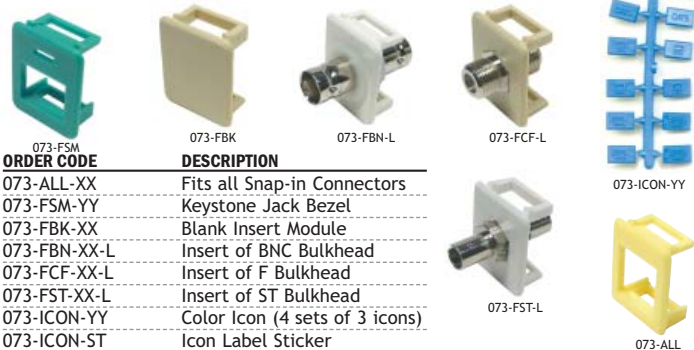
- Modular insulated blocks secures two or more wires together.
- Its flexibility allows wiring to be centralized and makes it easier to maintain complex control circuits.



ORDER CODE	# PAIR	# TELCO	GENDER OF TELCO
066-M1-50	25	None	None
066-M2-50W-1	25	1	Female
066-M2-50W-2	25	2	Female

MULTI-COLOR SNAP-IN BEZEL TYPE

MODULES FOR SNAP-IN BEZEL TYPE PANEL



ORDER CODE	DESCRIPTION
073-FSM	Fits all Snap-in Connectors
073-FBK	Keystone Jack Bezel
073-FBN-YY	Blank Insert Module
073-FBN-XX-L	Insert of BNC Bulkhead
073-FCF-XX-L	Insert of F Bulkhead
073-FST-XX-L	Insert of ST Bulkhead
073-ICON-YY	Color Icon (4 sets of 3 icons)
073-ICON-ST	Icon Label Sticker

XX = Color	WH	IV
YY = Color	WH	GY BK BL GN RD OR YL IV

KEYSTONE JACK PANEL SYSTEM FOR SNAP-IN BEZEL TYPE MODULE



- Works with snap-in bezel type modules.

ORDER CODE	# PORTS
015-012-B	12
015-016-B	16
015-024-B	24
015-032-B	32
015-048-B	48



** 073-ALL fits all snap-in connectors **

NETWORK CABLE TESTER

- Tests for RJ-45 modular connection with 258A, 568A and B, 356A wiring and 10Base-T, RJ-12 and RJ-11 USOC wiring and coaxial cables with BNC connectors.
- Performs tests of cable continuity, miss-wiring and polarization by the color of large-sized LEDs.
- Kit includes one master and one remote unit, one BNC adapter, two BNC/F adapters, and a carry case.
- Detachable remote unit for installed cabling.
- Additional remote module unit is available.



ORDER CODE
069-TNT-N

MODULAR PLUG CRIMPING TOOL WITH RATCHET

- Works with RJ-11/6P4C, RJ-12/6P6C, and RJ-45/8P8C modular plugs.
- Cuts and strips cable outer jacket, and crimps modular plug in one unit.
- Ratchet design delivers precise, exact crimp.
- Heavy gauge metal frame, sturdy structure.



ORDER CODE
061-M-3IN1-R

ROUND & FLAT CABLE STRIPPING TOOL

- Strips and cuts 2, 4, 6, 8, and 10 conductor cables.
- Adjustable screw to fit insulation of different outside diameter, avoiding damage of the inner conductors.



ORDER CODE
061-501

IMPACT PUNCH DOWN TOOL AND REPLACEMENT BLADE

- Easy grip handle.
- Includes 110 or 66 insert and cut blade.
- Easy to use spring loaded design.
- Interchangeable blades.
- Storage compartment for additional blade.



ORDER CODE	DESCRIPTION
061-110P	Impact Tool with 110 Blade
061-66P	Impact Tool with 66 Blade
061-601A	Blade for 66 Terminal
061-601B	Blade for 110 Terminal

ORDER CODE	TERMINAL TYPE	BODY	BLADE
061-66P	66	X	X
061-110P	110	X	X
061-601A	66		X
061-601B	110		X

MODULAR LINE CORD ASSEMBLY

- 26 AWG, stranded, flat, silver satin, UL Listed cable.

ORDER CODE	PLUG	# CONDUCTORS	LENGTH
050-464-(S/R)-07-SV	6P4C	4	7
050-464-(S/R)-14-SV	6P4C	4	14
050-464-(S/R)-25-SV	6P4C	4	25
050-464-(S/R)-50-SV	6P4C	4	50
050-464-(S/R)-100-SV	6P4C	4	100
050-464-(S/R)-150-SV	6P4C	4	150
050-666-(S/R)-07-SV	6P6C	6	7
050-666-(S/R)-14-SV	6P6C	6	14
050-666-(S/R)-25-SV	6P6C	6	25
050-666-(S/R)-50-SV	6P6C	6	50
050-666-(S/R)-100-SV	6P6C	6	100
050-666-(S/R)-150-SV	6P6C	6	150
050-888-(S/R)-07-SV	8P8C	8	7
050-888-(S/R)-14-SV	8P8C	8	14
050-888-(S/R)-25-SV	8P8C	8	25
050-888-(S/R)-50-SV	8P8C	8	50
050-888-(S/R)-100-SV	8P8C	8	100
050-888-(S/R)-150-SV	8P8C	8	150
050-60S-R-07-SV	DEC offset	6	7
050-60S-R-14-SV	DEC offset	6	14
050-60S-R-25-SV	DEC offset	6	25



Custom Length Available for all Conductors

(S/R): (Please Select One) S = Pin-to-Pin or R = Reverse

BULK CABLES

BULK CABLE - TELEPHONE FLAT CABLE

- 26 AWG, Stranded (7 x 31), bare copper in 4, 6, 8, 10 conductors.
- UL-listed: #E132667 20251, 1000 feet/reel.

ORDER CODE	DESCRIPTION
062-F4C-T-26-SV-UL	4 Conductors, Silver Satin
062-F4C-T-26-BK-UL	4 Conductors, Black
062-F6C-T-26-SV-UL	6 Conductors, Silver Satin
062-F6C-T-26-BK-UL	6 Conductors, Black
062-F8C-T-26-SV-UL	8 Conductors, Silver Satin
062-F8C-T-26-BK-UL	8 Conductors, Black
062-F10C-T-26-SV-UL	10 Conductors, Silver Satin
062-F10C-T-26-BK-UL	10 Conductors, Black



CAT5 & CAT5E, STRANDED UTP BULK CABLE

- 24 AWG, Stranded bare Copper.
- 1000 feet/box.

ORDER CODE	DESCRIPTION
06F-R2P-T-24-(GY/BK)	CAT5E, 2-Pair, Gray or Black
06F-R4P-T-24-YY	CAT5E, 350Mhz, 4-Pair



YY = Jacket Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
RD = Red
OR = Orange
YL = Yellow
PK = Pink

XX = Jacket Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
BR = Brown
RD = Red
OR = Orange
YL = Yellow
IV = Ivory
PK = Pink

PLUGS

MODULAR PLUG

- For Stranded or Solid wire assemblies, UL and CSA listed.



ORDER CODE	ENTRY SIZE	POSITION CONTACT	JACKET TYPE
060-F44-T-6	Flat	4P4C/(handset)	Stranded
060-F64-T-6	Flat	6P4C/RJ-11	Stranded
060-F66-T-6	Flat	6P6C/RJ-12	Stranded
060-FOS-T-6	Flat	6P6C/DEC/Offset	Stranded
060-F88-T-6	Flat	8P8C/RJ-45	Stranded
060-R10-T-6	Flat	10P10C	Stranded
060-R64-T-6	Round	6P4C/RJ-11	Stranded
060-R66-T-6	Round	6P6C/RJ-12	Stranded
060-R88-T-6	Round	8P8C/RJ-45	Stranded
060-R64-S-6	Round	6P4C/RJ-11	Solid
060-R66-S-6	Round	6P6C/RJ-12	Solid
060-FOS-S-6	Flat	6P6C/DEC/Offset	Solid
060-R88-S-6	Round	8P8C/RJ-45	Solid
060-R10-S-6	Round	10P10C	Solid
060-R88-T-50-C5E	Round	8P8C/Cat5E	Stranded
060-R88-T-50-C5E-SH	Round	8P8C/Cat5E Shielded	Stranded
060-R88-T-50-C6	Round	8P8C/Cat6	Stranded

SNAG FREE CAPS & BOOTS

SNAG FREE MULTI-COLOR CAP/BOOT FOR RJ45 PLUG

- Works as secondary strain-relief for double security.
- Multi-color body for clear identification of different protocols.
- Keep plug latch from catching onto other cords when removing from densely populated patch panels.
- Applied before termination of RJ45 plugs : 060-BOOT-8-XX.
- Applied after termination of RJ-45 plugs : 060-MPSR-8-YY; 060-BOOT-SR3-ZZ.

ORDER CODE
060-BOOT-8-XX
060-BOOT-SR3-ZZ
060-MPSR-8-YY

YY = Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
RD = Red
OR = Orange
YL = Yellow
IV = Ivory

ZZ = Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
RD = Red
OR = Orange
YL = Yellow
IV = Ivory
PK = Pink

XX = Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
BR = Brown
RD = Red
OR = Orange
YL = Yellow
IV = Ivory
PK = Pink



SURFACE MOUNTS

SURFACE MOUNT

- Mounting screws and double-side adhesive tape included.

ORDER CODE	DESCRIPTION
075-S-04	Single RJ-11, 4 Wire
075-S-06	Single RJ-12, 6 Wire
075-S-08	Single RJ-45, 8 Wire, Non-Key
075-S-08K	Single RJ-45, 8 Wire, Keyed
075-S-66	Duplex, 2x RJ-12, 6 Wire
075-S-68	Duplex, 1x RJ-12, 6 Wire; 1x RJ-45, 8 Wire
075-S-88V	Duplex, 2x RJ-45, 8 Wire, both Non-Key
075-S-88D	Duplex, 2x RJ-45, 8 Wire, both Keyed
075-S-88K	Duplex, 1x RJ-45, 8 Wire, Non-Key; 1x RJ-45, 8 Wire, Keyed



075-S



075-F

FLUSH MOUNT

ORDER CODE	DESCRIPTION
075-F-04	Single RJ-11, 4 Wire
075-F-06	Single RJ-12, 6 Wire
075-F-08	Single RJ-45, 8 Wire, Non-Key
075-F-08K	Single RJ-45, 8 Wire, Keyed
075-F-44	Duplex, 2x RJ-11, 4 Wire
075-F-66	Duplex, 2x RJ-12, 6 Wire
075-F-68	Duplex, 1x RJ-12, 6 Wire; 1x RJ-45, 8 Wire
075-F-88V	Duplex, 2x RJ-45, 8 Wire, both Non-Key
075-F-88D	Duplex, 2x RJ-45, 8 Wire, both Keyed
075-F-88K	Duplex, 1x RJ-45, 8 Wire, Non-Key; 1x RJ-45, 8 Wire, Keyed

SURFACE MOUNT

- Each pair of jack lead is twisted accordingly before terminated with 110 connector.
- Mounting screws and double-side adhesive tape included.



ORDER CODE	DESCRIPTION
076-S-06	Single RJ-12, 6 Wire
076-S-08	Single RJ-45, 8 Wire, Non-Key
076-S-08K	Single RJ-45, 8 Wire, Keyed
076-S-66	Duplex, 2x RJ-12, 6 Wire
076-S-68	Duplex, 1x RJ-12, 6 Wire; 1x RJ-45, 8 Wire
076-S-88V	Duplex, 2x RJ-45, 8 Wire, Non-Key, 104A
076-S-88D	Duplex, 2x RJ-45, 8 Wire, Keyed
076-S-88K	Duplex, 1x RJ-45, 8 Wire, Non-Key; 1x RJ-45, 8 Wire, Keyed, 104B

FLUSH MOUNT

- Each pair of jack lead is twisted accordingly before terminated with 110 connector.



ORDER CODE	DESCRIPTION
076-F-06	Single RJ-12, 6 Wire
076-F-08	Single RJ-45, 8 Wire, Non-Key, 105AFD
076-F-08K	Single RJ-45, 8 Wire, Keyed, 105AFD
076-F-66	Duplex, 2x RJ-12, 6 Wire
076-F-68	Duplex, 1x RJ-12, 6 Wire; 1x RJ-45, 8 Wire
076-F-88V	Duplex, 2x RJ-45, 8 Wire, Non-Key, 106AFD
076-F-88D	Duplex, 2x RJ-45, 8 Wire, Keyed
076-F-88K	Duplex, 1x RJ-45, 8 Wire, Non-Key; 1x RJ-45, 8 Wire, Keyed, 106BFD

SURFACE MOUNT BOX / FACE PLATES



SURFACE MOUNT BOX FOR 075 AND 076 FACE PLATES

- Size: 2 11/16" x 4 7/16" x 1".
- Color: Ivory.

ORDER CODE
083-SBOX



FACE PLATES

- For flush mount 110 IDC jacks.

ORDER CODE	DESCRIPTION
076-F-1	1 Opening, 860B
076-F-2	2 Openings, 860A

ADAPTERS

MODULAR IN-LINE COUPLERS

- For joining of 2 cables with both RJ-11, RJ-12, or RJ-45 connectors.
- Patented Printed Circuit Board design ensures CAT5E performance(080-RJ45-C5).

ORDER CODE	DESCRIPTION
080-64S	6P4C, RJ-11, Pin-to-Pin
080-64R	6P4C, RJ-11, Reverse
080-66S	6P6C, RJ-12, Pin-to-Pin
080-66R	6P6C, RJ-12, Reverse
080-88S	8P8C, RJ-45, Pin-to-Pin
080-88R	8P8C, RJ-45, Reverse
080-RJ45-C5	RJ-45 CAT5E In-Line Coupler
080-RJ45-C6-N	RJ-45 CAT6 In-Line Coupler

080-RJ45-C6-N: ** LUCENT NIE EXEMPTION TYPE **



080-88R, 080-88S



080-RJ45-C5

10 BASE-T CROSS OVER ADAPTER

- Pin 1, 2 / 3, 6 crossover.
- Ideal for Hub to Hub cascades or station to station connections.

ORDER CODE
080-10T-CROSS

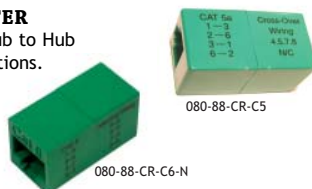


080-10T-CROSS

100 BASE-TX CROSS OVER ADAPTER

- Pin 1, 2 / 3, 6 crossover. Ideal for Hub to Hub cascades or station to station connections.
- Printed Circuit Board design ensures CAT5E performance.

ORDER CODE
080-88-CR-C5
080-88-CR-C6-N



080-88-CR-C5

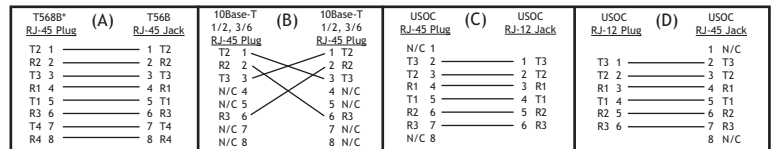
080-88-CR-C6-N

MODULAR PLUG TO JACK ADAPTERS

- Design to convert different wiring scheme easily.
- Used as connector saver to extend expensive modular jack equipment.
- RJ-11 and RJ-45 Jack to Plug interchangeable.
- Custom wiring adapters are available upon request.
- Plug: RJ-45 8P8C, RJ-12 6P6C, 50µ" gold plating.
- Jack: RJ-45 8P8C, RJ-12 6P6C, 50µ" gold plating.
- Dimension: 0.88" (H) x 0.65" (W) x 2.08" (L).



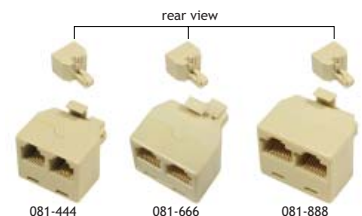
ORDER CODE	DESCRIPTION	WIRING SCHEME
A) 086-RJ45/RJ45-S	RJ-45 plug to RJ-45 jack	Straight Through (A)
B) 086-RJ45/RJ45-X	RJ-45 plug to RJ-45 jack	10BaseT X-Over (B)
C) 086-RJ45/RJ12-S	RJ-45 plug to RJ-12 jack	Straight Through (C)
D) 086-RJ12/RJ45-S	RJ-12 plug to RJ-45 jack	Straight Through (D)



T-ADAPTER

- Parallel wiring.
- Custom wiring configurations available upon request, please call for price.

ORDER CODE	JACK TYPE
081-444	6P4C
081-666	6P6C
081-888	8P8C



081-444

081-666

081-888

110 TO 110 PATCH CORDS

- 110 Patch Plugs.
- Cable: Belden 1752A DataTwist 350, 350 MHz, Stranded, 4-Pair.

ORDER CODE	DESCRIPTION
098-4-XX-YY	2-Pair, 110/110, XX FT
098-8-XX-YY	4-Pair, 110/110, XX FT

XX = Cable Length



YY = Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
RD = Red
OR = Orange
YL = Yellow
IV = Ivory
PK = Pink



110 TO RJ-45 PATCH CORDS

- 110 Patch Plugs.
- RJ-45 Modular Plug: RJ-45 short-body, molded, 50µ" gold plating with snag-free cap.
- Cable: Belden 1752A DataTwist 350, 350 MHz, Stranded, 4-Pair.

ORDER CODE	DESCRIPTION
097-445-T-XX-YY	2-Pair, RJ-45/110 plugs, XX FT, 10Base-T
097-845-A-XX-YY	4-Pair, RJ-45/110 plugs, XX FT, 258A
097-845-E-XX-YY	4-Pair, RJ-45/110 plugs, XX FT, 568A

XX = Cable Length



Molded RJ-45 Modular Plug



YY = Color
WH = White
GY = Gray
BK = Black
BL = Blue
PP = Purple
GN = Green
RD = Red
OR = Orange
YL = Yellow
IV = Ivory
PK = Pink



CABLE ASSEMBLIES

CAT5 - 110 TO 110 CABLE ASSEMBLY

- 110 plugs in 1, 2, 3, or 4-pair sizes.
- CAT5E, 24 AWG, Stranded, Unshielded Twisted Pair cable.
- Custom wiring or length is available upon request.

ORDER CODE	DESCRIPTION
093-2-XX	1-Pair, 110/110
093-4-XX	2-Pair, 110/110
093-6-XX	3-Pair, 110/110
093-8-XX	4-Pair, 110/110

XX = Cable Length



CAT5 - 110 TO RJ-11 / RJ-12 / RJ-45 CABLE ASSEMBLY

- Plug 1: 110 plug; 1, 2, 3, or 4-pair sizes.
- Plug 2: RJ-45, RJ-12, or RJ-11.
- Cable: CAT5e, 24 AWG, Stranded, Unshielded Twisted Pair Cable.
- Custom wiring or length is available upon request.

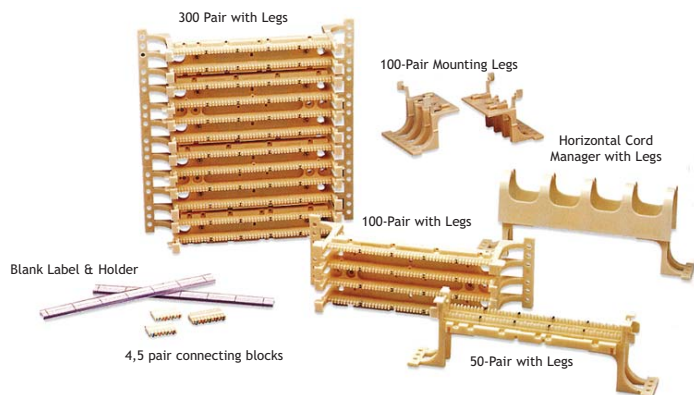
ORDER CODE	DESCRIPTION
092-211-U-XX	1-Pair, 110/RJ-11 Plugs, USOC
092-411-U-XX	2-Pair, 110/RJ-11 Plugs, USOC
092-612-U-XX	3-Pair, 110/RJ-12 Plugs, USOC
092-445-T-XX	2-Pair, 110/RJ-45 Plugs, 10Base-T
092-845-A-XX	4-Pair, 110/RJ-45 Plugs, 258A
092-845-E-XX	4-Pair, 110/RJ-45 Plugs, 568A

XX = Cable Length



WIRING BLOCKS

- AT&T equivalent design.
- Removable surface mounting legs.
- Fire retardant molded plastic block with horizontal index strip.



ORDER CODE	DESCRIPTION	AT&T PART#
095-110-AW50	50-Pair 110 Block with Legs	110AW-1-50
095-110-AW100	100-Pair 110 Block with Legs	110AW-2-100
095-110-AW300	300-Pair 110 Block with Legs	110AW-2-300
095-110-DW50	50-Pair 110 Block without Legs	110DW-1-50
095-110-DW100	100-Pair 110 Block without Legs	110DW-2-100
095-50-LEG	50-Pair Mounting Leg	
095-100-LEG	100-Pair Mounting Leg	
095-LABEL	1,2,3 and 4-Pair Blank Labels, 6 pieces	
095-HOLDER	Clear Plastic Label Holder, 6 pieces	188 UT1-50
096-110-CAP	2-Pair Dust Cover	

ORDER CODE	DESCRIPTION
095-100-M-XX	100-Pair 110 Block with 4 Male Telco Cables
095-100-F-XX	100-Pair 110 Block with 4 Female Telco Cables

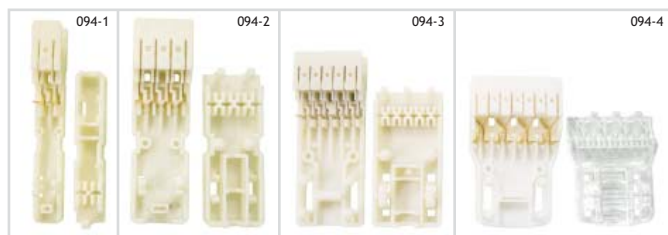
XX = Length of Telco Cables (feet)



CONNECTORS

1, 2, 3 AND 4-PAIR 110 PATCH PLUGS

- AT&T equivalent design.



ORDER CODE	DESCRIPTION	AT&T PART#
094-1	1-Pair	PC110-2
094-2	2-Pair	PC110-4
094-3	3-Pair	PC110-6
094-4	4-Pair	PC110-8

3, 4 AND 5 PAIR 110 CONNECTING BLOCKS

ORDER CODE	DESCRIPTION	AT&T PART #
096-110C3	3-Pair	110C-3
096-110C4	4-Pair	110C-4
096-110C5	5-Pair	110C-5



ORDER CODE	DESCRIPTION
095-2X50	Two 50-Pair 110 Block Panel, 1.50" High
095-2X100	Two 100-Pair 110 Block Panel, 3.25" High



097-HCM



097-HCM-L

ORDER CODE	DESCRIPTION
097-HCM-L	Horizontal Cord Manager with Legs
097-HCM	Horizontal Cord Manager without Legs

WALL MOUNT

- Each kit includes complete supplement of 110 wiring blocks with legs, connecting blocks and ID label holder with white label necessary for field termination.
- One 5-pair clip is supplied to complete the horizontal 25-pair index strip on 4-pair kits.



RACK MOUNT

- Allow mounting the 110 wiring block directly to a 19" EIA rack or 19" wall mount bracket.
- Each kit comes complete with 110 wiring blocks, connecting blocks and ID label holder with white label necessary for field termination.
- One 5-pair clip is supplied to complete the horizontal 25-pair index strip on 4-pair kits.



ORDER CODE	DESCRIPTION
09A-50-5PR	50 Pair Block with 5 Pair Clips
09A-100-5PR	100 Pair Block with 5 Pair Clips
09A-300-5PR	300 Pair Block with 5 Pair Clips
09A-50-4PR	50 Pair Block with 4 Pair Clips
09A-100-4PR	100 Pair Block with 4 Pair Clips
09A-300-4PR	300 Pair Block with 4 Pair Clips

ORDER CODE	DESCRIPTION
09F-100-5PR	100 pair block with 5 pair clips
09F-200-5PR	200 pair block with 5 pair clips
09F-300-5PR	300 pair block with 5 pair clips
09F-100-4PR	100 pair block with 4 pair clips
09F-200-4PR	200 pair block with 4 pair clips
09F-300-4PR	300 pair block with 4 pair clips

CROSS-CONNECT SYSTEM

HIGH DENSITY CROSS-CONNECT SYSTEM

- Metal backboard cross-connect system available in 300, 600, and 900-pair configuration.
- Comes complete with 110 wiring blocks, horizontal cable trough, connecting blocks and ID label holder with white label, and metal trough at bottom of frame for additional cable management.



ORDER CODE	DESCRIPTION
09B-300-5PR	300 Pair Block with 5 Pair Clips
09B-300-4PR	300 Pair Block with 4 Pair Clips
09B-300-3PR	300 Pair Block with 3 Pair Clips
09B-600-5PR	600 Pair Block with 5 Pair Clips
09B-600-4PR	600 Pair Block with 4 Pair Clips
09B-600-3PR	600 Pair Block with 3 Pair Clips
09B-900-5PR	900 Pair Block with 5 Pair Clips
09B-900-4PR	900 Pair Block with 4 Pair Clips
09B-900-3PR	900 Pair Block with 3 Pair Clips

VERTICAL SYSTEMS

VERTICAL MANAGEMENT TROUGH

- Provides vertical path for running patch cords or cross-connect wire between the 110 blocks.
- Metal trough at bottom of frame for additional cable management.



ORDER CODE	DESCRIPTION
09E-300	Use with 300 Pair Frame
09E-600	Use with 600 Pair Frame
09E-900	Use with 900 Pair Frame

VERTICALLY MOUNT - 50 PAIR

- 89D type bracket, surface mountable.
- Each kit comes complete with 110 wiring blocks, connecting blocks and ID label holder with white label necessary for field termination.

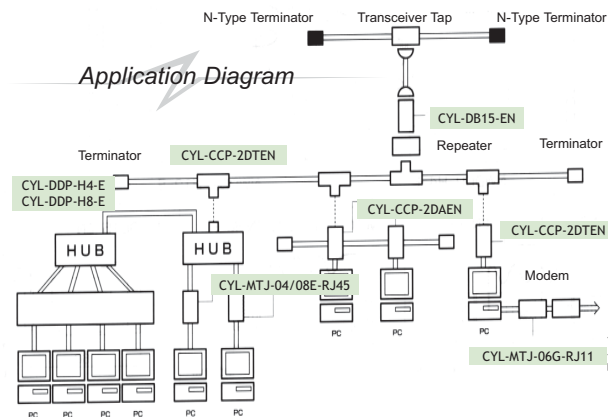


ORDER CODE	DESCRIPTION
09C-89D-5PR	50 Pair Block with 5 Pair Clips
09C-89D-4PR	50 Pair Block with 4 Pair Clips
09C-89D-3PR	50 Pair Block with 3 Pair Clips

DATA LINE PROTECTION



- State-of-the-art, avalanche diode technology.
- Compact in-line installation.
- High speed, high energy handling capability.
- Low shunt capacitance to reduce signal loss.



ORDER CODE	CONNECTION	APPLICATION	STANDARD CLAMP
CYL-MTJ-06G-RJ11	RJ-11 M/F	Dial-Up Fax/Modem	240 Volt
CYL-MTJ-04E-RJ45	RJ-45 M/F	10Base-T	7.5 Volt
CYL-MTJ-04T-RJ45	RJ-45 M/F	Token Ring	18 Volt
CYL-MTJ-08E-C5	RJ-45 M/F	100Base-TX	7.5 Volt
CYL-DDP-H4-E	4 x RJ-45 M/F	10Base-T 4-Port Hub	7.5 Volt
CYL-DDP-H8-E	8 x RJ-45 M/F	10Base-T 8-Port Hub	7.5 Volt
CYL-CCP-2DAEN	BNC M/F	10Base-2	7.5 Volt
CYL-CCP-2DTEN	BNC F/M/F Tee	10Base-2	7.5 Volt
CYL-CCP-2BN-M/F	Twinaxial M/F	AS400/3x	10 Volt
CYL-DB-15-EN	DB-15 AUI M/F	Ethernet	7.5 Volt
CYL-CCP-2DANENFF	N F/F	10Base-5	7.5 Volt
CYL-CCP-2DANENMF	N M/F	10Base-5	7.5 Volt
CYL-DB9-RS232	DB-9 M/F	RS-232	18 Volt
CYL-DB15-RS232	DB-15 M/F	RS-232	18 Volt
CYL-DB25-RS232	DB-25 M/F	RS-232	18 Volt
CYL-CAT6-PPC	RJ-45 M/M 10 feet	CAT6 Application	7.5 Volt
CYL-MTJ-08E-RJ45	RJ-45 M/F all 8 Pins	10/100TX, RS422/RS423	7.5 Volt
CYL-MTJ-08T-RJ45	RJ-45 M/F all 8 Pins	Token Ring, RS232	18 Volt
CYL-MTJ-C6	RJ-45 M/F all 8 Pins	CAT6 Application	7.5 Volt

DATA CONNECTOR TO MODULAR JACK IMPEDANCE MATCHING ADAPTER

150 ohm ↔ 105 ohm

- 105 ohm unshielded twisted pair to 150 ohm shielded twisted pair impedance matching.
- 100Base-TX, 10Base-T, Token Ring Type 3 application.

DATA CONNECTOR		RJ-45		
PIN #	COLOR CODE	FT	10T	TR
4	RED	1	1	4
3	GREEN	2	2	5
2	ORANGE	3	3	6
1	BLACK	6	6	3
GROUND		4		
		5		



DATA CONNECTOR TO MODULAR JACK ADAPTER

- Both RJ-12 and RJ-45 jacks are available.
- Applications for 10Base-T, Token Ring, or 3270 (USOC) wiring.



DATA CONNECTOR		RJ-45		RJ-11
PIN #	COLOR CODE	FT	10T	USOC
4	RED	1	4	3
3	GREEN	2	5	4
2	ORANGE	3	6	5
1	BLACK	6	6	2
GROUND		4	1	1
GROUND		5	2	6
N/C		7	7	
N/C		8	8	

ORDER CODE	DESCRIPTION
207-RJ12-U	RJ-12 Type, 6 Wire, USOC
207-RJ45-10T	RJ-45 Type, for 10Base-T
207-RJ45-TR	RJ-45 Type, for Token Ring

◀ 100MBPS ▶
◀ 10MBPS ▶
◀ Token Ring ▶

CABLE ASSEMBLIES

TOKEN RING PC NETWORK ADAPTER CABLE

- Molded with long thumb screws on DB-9 male end; 8 feet Type-6 cable terminated with TNT data connector.
- Custom lengths are available upon request (with DB-9 Metal hood).



ORDER CODE	DESCRIPTION	IBM #
203-08-TNT	8 feet, TNT Data Connector	6339088
203-XX	Custom Cable Length	

Custom Length Available

TOKEN RING TYPE-6 PATCH CABLES

- ETL certified Type-6 cable.
- TNT data connectors on both ends.
- Custom lengths are available upon request.



ORDER CODE	DESCRIPTION	IBM #
204-08-TNT	8 feet, TNT Connectors	8642551
204-30-TNT	30 feet, TNT Connectors	8642252
204-75-TNT	75 feet, TNT Connectors	6339134
204-150-TNT	150 feet, TNT Connectors	6339135
204-XX	Custom Cable Length	

Custom Length Available

DATA CONNECTOR TO STP MOLDED RJ-45 CABLE

- TNT data connector.
- Molded RJ-45 shielded plug.
- Modified Type-6, 150 ohm shielded twisted pair cable (Quabbin 8907).



ORDER CODE	DESCRIPTION
217-RJ45-08-TNT	8 feet, TNT Connector
217-RJ45-XX	Custom Cable Length

Custom Length Available

SHIELDED RJ-45 MOLDED CABLE ASSEMBLY

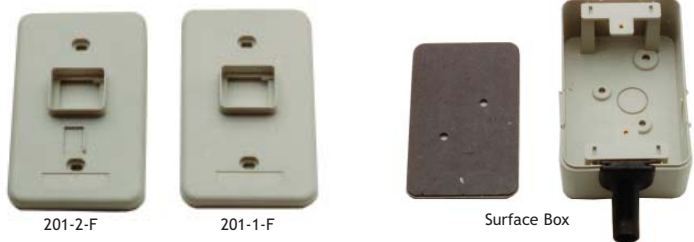
- Shielded RJ-45 plug molded on both ends.
- Modified Type-6, 150 ohm shielded twisted pair cable.



ORDER CODE	LENGTH
220-RJ45-08	8 feet
220-RJ45-XX	Custom Cable Length

Custom Length Available

INFORMATION OUTLET



ORDER CODE	DESCRIPTION	IBM #
201-2-F	Type 1 Surface Box and Faceplate	4760486
201-1-F	Type 1 Faceplate	8310572
201-2-B	Type 2 Surface Box and Faceplate	6091029
201-2-F	Type 2 Faceplate	6091025

BULK CABLES & ACCESSORIES

DATA CONNECTOR

- Equivalent to IBM #8310574.

ORDER CODE
202-TNT



TOKEN RING BULK CABLE

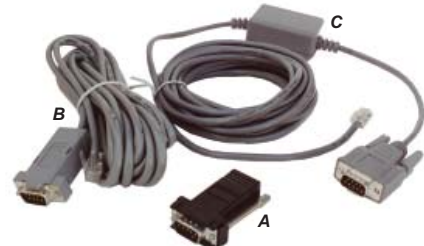
ORDER CODE	DESCRIPTION
BN-9688	Type 1A Token Ring, PVC
BN-82688	Type 1A Token Ring, Plenum
BN-9689	Type 2A Token Ring, PVC
BN-82689	Type 2A Token Ring, Plenum



TYPE-3 MEDIA FILTER

4/16 MBPS TYPE-3 MEDIA FILTER

- Supports 4 or 16 Mbps Token Ring protocol.
- Meets FCC Part 15, subpart Class A.
- EMI/RFI emissions filtering.



ORDER CODE	DESCRIPTION
A) 205-01-RJ45	One Piece Type, RJ-45
B) 205-02-RJ45-15	Single Pigtail Type, RJ-45, 15 feet
C) 205-03-RJ45-15	Double Pigtail Type, RJ-45, 15 feet