

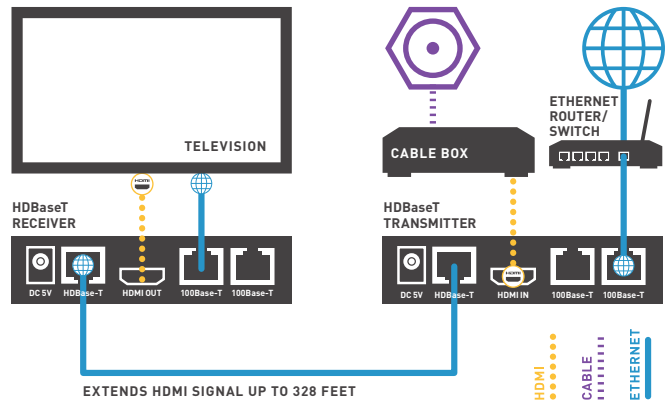
HDMI

HDBaseT HDMI Extender

NEW!



| PART NO. | DESCRIPTION |
|----------|---|
| AC1030 | HDBaseT HDMI Extender |
| | <ul style="list-style-type: none"> THE AC1030 KIT EXTENDS HDMI AND INTERNET SIGNALS UP TO 328 FEET USING CAT 5 OR CAT 6 WIRING. IT SUPPORTS 3D VIDEO AND 1080P RESOLUTION, WHILE DUAL IR TARGETS ALLOW THE SOURCE DEVICE TO RECOGNIZE REMOTE COMMANDS AT A SECONDARY LOCATION. |



HDMI Accessories

NEW!



WP1011-WH



AC2100



AC2101

| PART NO. | DESCRIPTION |
|-----------|---|
| WP1011-XX | Pre-Configured HDMI 2-Port Strap Colors: BK, LA, WH |
| AC2100 | HDMI Repeater <ul style="list-style-type: none"> CONNECTS TWO HDMI HIGH-SPEED WITH ETHERNET CABLES & EXTENDS ETHERNET SIGNAL UP TO 20 FEET |
| AC2101 | HDMI Hinged Coupler <ul style="list-style-type: none"> REDUCES CABLE BENDING FOR SUPERIOR ORGANIZATION |



WALL PLATES & INSERTS

KEYSTONE WALL PLATES



WP3401-WH*



WP3402-WH*



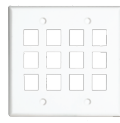
WP3403-WH



WP3404-WH



WP3406-WH



WP3212-WH



WP1194-WH

*Available in packs of 25

| PART NO. | DESCRIPTION |
|---------------------|--|
| WP3401-XX (KTPD1XX) | 1-Gang, 1-Port Wall Plate 25 Count Bulk Pack in WH (W) or LA (WP3401-XX-25) |
| WP3402-XX (KTPD2XX) | 1-Gang, 2-Port Wall Plate 25 Count Bulk Pack in WH (W) or LA (WP3402-XX-25) |
| WP3403-XX (KTPD3XX) | 1-Gang, 3-Port Wall Plate |
| WP3404-XX (KTPD4XX) | 1-Gang, 4-Port Wall Plate |
| WP3406-XX (KTPD6XX) | 1-Gang, 6-Port Wall Plate |
| WP3212-XX | 2-Gang, 12-Port Wall Plate Colors: IV, LA and WH |
| WP1194-XX | 1-Gang, Blank Wall Plate |

COLORS: BK, BR, IV (I), LA, WH (W)
DIMENSIONS: 1-GANG: 2.9375" x 4.6875" 2-GANG: 4.75" x 4.6875"

KEYSTONE LABELED Wall Plates

| PART NO. | DESCRIPTION |
|----------|------------------------------------|
| KTPDL1XX | 1-Port Keystone Labeled Wall Plate |
| KTPDL2XX | 2-Port Keystone Labeled Wall Plate |
| KTPDL3XX | 3-Port Keystone Labeled Wall Plate |
| KTPDL4XX | 4-Port Keystone Labeled Wall Plate |
| KTPDL6XX | 6-Port Keystone Labeled Wall Plate |

COLORS: I, LA, W

DIMENSIONS: 1-GANG: 2.9375" x 4.6875" 2-GANG: 4.75" x 4.6875"

OVERSIZED WALL PLATES



WP3301-WH



WP3302-WH



WP3303-WH



WP3304-WH



WP3306-WH



WP3300-WH

| PART NO. | DESCRIPTION |
|-----------|-------------------------------------|
| WP3301-XX | 1-Gang, 1-Port Oversized Wall Plate |
| WP3302-XX | 1-Gang, 2-Port Oversized Wall Plate |
| WP3303-XX | 1-Gang, 3-Port Oversized Wall Plate |
| WP3304-XX | 1-Gang, 4-Port Oversized Wall Plate |
| WP3306-XX | 1-Gang, 6-Port Oversized Wall Plate |
| WP3300-XX | 1-Gang, Blank Oversized Wall Plate |

COLORS: WH, LA
DIMENSIONS: 1-GANG: 3.3125" x 5.0625" 2-GANG: 5.125" x 5.0625"
3-GANG: 6.9375" x 5.0625" 4-GANG: 8.75" x 5.0625"

COLOR OPTIONS



BK BR IV (I) LA WH (W)

WALL PLATES & INSERTS

DECORATOR WALL PLATES



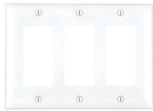
TP13W



TP26W



TP262W



TP263W



TP264W

| PART NO. | DESCRIPTION |
|-------------------------------------|-----------------------------|
| TP13XX [†] (WP1194-XX) | 1-Gang Blank Wall Plate |
| TP26XX [†] (WP1205-XX) | 1-Gang Decorator Wall Plate |
| TP262XX [†] (WP1207-XX) | 2-Gang Decorator Wall Plate |
| TP263XX [†] (WP1208-XX) | 3-Gang Decorator Wall Plate |
| TP264XX [†] | 4-Gang Decorator Wall Plate |

COLORS:

BK, BR, IV (I), LA, WH (W)

DIMENSIONS:

1-GANG: 2.9375" x 4.6875" 2-GANG: 4.75" x 4.6875"

JUMBO DECORATOR Wall Plates

| PART NO. | DESCRIPTION |
|----------|-------------------------------|
| TPJ13XX | Jumbo 1-Gang Blank Wall Plate |
| TPJ26XX | Jumbo 1-Gang Wall Plate |
| TPJ262XX | Jumbo 2-Gang Wall Plate |
| TPJ263XX | Jumbo 3-Gang Wall Plate |

COLORS:

BK, I, LA, W

DIMENSIONS:

1-GANG: 3.3125" X 5.0625", 2-GANG: 5.125" X 5.0625", 3-GANG: 6.9375" X 5.0625"

LOW VOLTAGE BRACKETS



AC1009-01



AC1009-02



AC1009-11



AC1010-01



AC1010-02



AC1010-03

| PART NO. | DESCRIPTION |
|-----------|---|
| AC1009-01 | 1-Gang, LV Bracket w/Nail, New Construction |
| AC1009-02 | 2-Gang, LV Bracket, Face Mount, New |
| AC1009-11 | 1-Gang, LV Bracket, Face Mount, New |
| AC1010-01 | 1-Gang, LV Bracket, Retrofit |
| AC1010-02 | 2-Gang, LV Bracket, Retrofit |
| AC1010-03 | 3-Gang, LV Bracket, Retrofit |

CRAFTED WITH DURABLE HEAVY-DUTY PLASTIC, ON-Q LV BRACKETS FEATURE AN OPEN BACK AND AN INTEGRATED CABLE MANAGEMENT SYSTEM FOR CLEAN CONNECTIONS AND EASY INSTALLATION

COLOR OPTIONS



BK

BR

IV (I)

LA

WH (W)

WALL PLATES & INSERTS

TELEPHONE AND DATA Keystone Inserts



WP3475-WH*



WP3476-WH



WP346A-WH



WP3450-WH*



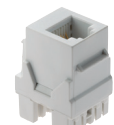
WP3460-WH



WP3458-WH



WP3451-WH



WP3425-WH



WP3550-WH



WP3560-WH

* Available in white, light almond, and blue in packs of 50

| PART NO. | DESCRIPTION |
|-----------------------|---|
| WP3475-XX | Cat 5e Quick Connect RJ45 Keystone Connector Colors: BE, BK, BR, GY, GN, IV, LA, OR, RE, WH, YE |
| WP3476-XX | Cat 6 Quick Connect RJ45 Keystone Connector Colors: BE, BK, BR, GY, IV, LA, OR, RE, WH |
| WP346A-XX | Cat 6a Quick Connect RJ45 Keystone Connector Colors: BE, BK, BR, GY, GN, IV, LA, OR, RE, WH, YE ... TERMINATE ALL WIRES AT ONCE USING THE AC3400 PUNCH & GO TOOL WITH ANY QUICK CONNECT INSERT |
| WP3450-XX (KS58ABXX)† | Cat 5e RJ45 Keystone Connector Colors: BE (BL), BK, BR, GY (GRY), IV (I), LA, OR, RE (RED), WH (WH) |
| WP3460-XX (KS68ABXX)† | Cat 6 RJ45 Keystone Connector Colors: BE (BL), BK, BR, GY (GRY), IV (I), LA, OR, RE (RED), WH (WH) |
| WP3458-XX | Cat 5e Keyed RJ45 Keystone Connector Colors: BK, BR, IV, LA, WH |
| WP3451-XX (KS888XX) | Cat 5e RJ45 Keystone Coupler Colors: BK, WH (W) |
| WP3425-XX (KS6UXX)† | RJ25 6P6C Keystone Connector Colors: BK, BR, IV (I), LA, WH (W) |
| WP3550-XX | Snap & Go Cat 5e Keystone Connector Colors: BE, BK, BR, GY, IV, LA, OR, RE, WH |
| WP3560-XX | Snap & Go Cat 6 Keystone Connector Colors: BE, BK, BR, GY, IV, LA, OR, RE, WH |

VIDEO INSERTS



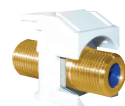
WP3479-WH*



WP3480-WH



WP3481-WH*



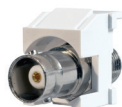
WP3482-WH



WP1234-WH



WP3455-WH



KSBNCW



KSSVW

*Available in packs of 50.

| PART NO. | DESCRIPTION |
|-----------------------|---|
| WP3479-XX | Non-Recessed Coax Keystone F Connector (1 GHz) 50 Count Bulk Pack in WH or LA (WP3479-XX-50) |
| WP3480-XX | Recessed Gold F Connector (3GHz) |
| WP3481-XX (KSFFXX) | Recessed Nickle F Connector (3GHz) 50 Count Bulk Pack in WH (WP3481-WH-50) |
| WP3482-XX (KSFFSTXX) | Recessed Self-Terminating Keystone F Connector (1 GHz) |
| WP1234-XX | HDMI Keystone Insert/Coupler |
| WP3455-XX (KSBL10XX)† | Blank Keystone Insert Colors: BK, BR, IV (I), LA, WH (W) |
| KSBNCXX | Keystone BNC-to-BNC Connector |
| KSSVXX | Keystone S-Video-to-110 Termination Colors: I, LA, W |

COLOR OPTIONS



WALL PLATES & INSERTS

RCA TO F CONNECTORS



WP3461-WH



WP3462-WH



WP3463-WH



WP3464-WH



WP3465-WH



WP3466-WH

| PART NO. | DESCRIPTION |
|-------------------------------------|--|
| WP3461-XX | White Keystone RCA to F Connector Connector Application: Left/Mono |
| WP3462-XX (KSRCAFX) [†] | Red Keystone RCA to F Connector Connector Application: Right |
| WP3463-XX | Green Keystone RCA to F Connector Connector Application: Center |
| WP3464-XX | Blue Keystone RCA to F Connector Connector Application: Left Surround |
| WP3465-XX | Yellow Keystone RCA to F Connector Connector Application: Composite Video |
| WP3466-XX | Purple Keystone RCA to F Connector Connector Application: Subwoofer |

COLORS:

BK, BR, IV (I), LA, WH (W)

MULTIMEDIA INSERTS



KSSCW



KSSTW



WP3457-WH



WP3456-WH

| PART NO. | DESCRIPTION |
|-------------------------------------|--|
| KSSCXX | Keystone SC Multimode, Phosphor Bronze Sleeve Colors: I, LA, W |
| KSSTXX | Keystone ST Multimode, Phosphor Bronze Sleeve Colors: I, LA, W |
| WP3457-XX (KS2BPXX) [†] | Audio Keystone Binding Post - Pair Colors: BK, BR, IV (I), LA, WH (W) |
| WP3456-XX | Speaker Pair Insert Colors: BK, BR, IV, LA, WH |

RCA TO RCA INSERTS



KSRCAYW



KSRCARW



KSRCABW



KSRCABEW



KSRCAGNW

| PART NO. | DESCRIPTION |
|-----------|--|
| KSRCAYXX | Keystone RCA to RCA (Yellow Insulator) Colors: I, LA, W |
| KSRCARXX | Keystone RCA to RCA (Red Insulator) Colors: I, LA, W |
| KSRCABXX | Keystone RCA to RCA (Black Insulator) Colors: I, LA, W |
| KSRCABEXX | Keystone RCA to RCA (Blue Insulator) Colors: I, LA, W |
| KSRCAGNXX | Keystone RCA to RCA (Green Insulator) Colors: I, LA, W |

COLOR OPTIONS



BK

BR

IV (I)

LA

WH (W)

WALL PLATES & INSERTS

CAT 5e PATCH CABLES



363201-2X-V1
AC35XX-WH-V1



| PART NO. | DESCRIPTION |
|--------------|--|
| 363201-26-V1 | 1 Foot Cat 5e Patch Cable |
| 363201-25-V1 | 2 Foot Cat 5e Patch Cable |
| AC3503-WH-V1 | 3 Foot Cat 5e Patch Cable |
| AC3507-WH-V1 | 7 Foot Cat 5e Patch Cable |
| AC3514-WH-V1 | 14 Foot Cat 5e Patch Cable |
| AC3525-WH-V1 | 25 Foot Cat 5e Patch Cable |
| AC3550-WH-V1 | 50 Foot Cat 5e Patch Cable |
| | <ul style="list-style-type: none"> • 100MHZ RATED PATCH CABLE • UL VERIFIED TO SUPPORT THE CAT 5e PERFORMANCE PATCH CABLE SPECIFICATION • SNAGLESS OVERMOLD PREVENTS INSERTION TAB FROM CATCHING ON OTHER CABLES • 24 AWG STRANDED PATCH CABLE • AVAILABLE IN WHITE |

CAT 6 PATCH CABLES



AC36XX-BE-V1



| PART NO. | DESCRIPTION | NEW! |
|--------------|--|------|
| AC3607-BE-V1 | 7 Foot Cat 6 Patch Cable | |
| AC3614-BE-V1 | 14 Foot Cat 6 Patch Cable | |
| AC3625-BE-V1 | 25 Foot Cat 6 Patch Cable | |
| AC3650-BE-V1 | 50 Foot Cat 6 Patch Cable | |
| | <ul style="list-style-type: none"> • 250MHZ RATED PATCH CABLE • UL VERIFIED TO SUPPORT THE CAT 6 PERFORMANCE PATCH CABLE SPECIFICATION • SNAGLESS OVERMOLD PREVENTS INSERTION TAB FROM CATCHING ON OTHER CABLES • 22 AWG STRANDED PATCH CABLE • AVAILABLE IN BLUE | |

CAT 6a PATCH CABLES



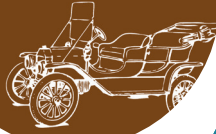
AC6AXX-GY-V1



| PART NO. | DESCRIPTION | NEW! |
|--------------|---|------|
| AC6A07-GY-V1 | 7 Foot Cat 6a Patch Cable | |
| AC6A14-GY-V1 | 14 Foot Cat 6a Patch Cable | |
| AC6A25-GY-V1 | 25 Foot Cat 6a Patch Cable | |
| AC6A50-GY-V1 | 50 Foot Cat 6a Patch Cable | |
| | <ul style="list-style-type: none"> • 500MHZ RATED PATCH CABLE • UL VERIFIED TO SUPPORT THE CAT 6a PERFORMANCE PATCH CABLE SPECIFICATION • SNAGLESS OVERMOLD PREVENTS INSERTION TAB FROM CATCHING ON OTHER CABLES • 22 AWG STRANDED PATCH CABLE • AVAILABLE IN GRAY | |

CAT 3

Best application: 10BaseT Ethernet at 10Mbps
Bandwidth: 16MHz

**CAT 5**

Best application: 100BaseT Ethernet at 100Mbps
Bandwidth: 100MHz

**CAT 5e**

Best application: 1000BaseT Ethernet at 250Mbps
Bandwidth: 100MHz

**CAT 6**

Best application: 1000BaseT at 1000Mbps (1Gbps)
Bandwidth: 250MHz

**CAT 6a**

Best application: 10GBaseT at 10Gbps
Bandwidth: 500MHz



NETWORKING CABLE REFERENCE GUIDE

CAT 3 was a popular cabling format for computer network administrators in the early 1990s. It was superseded when Cat 5 became standardized because of its higher performance. It is used only in two-line phone systems.

CAT 5 was developed to support faster 100BaseT Ethernet standards. When Gigabit Ethernet (1000BaseT) standards were introduced, the Cat 5 cable became vulnerable to crosstalk, which caused interference and signal loss within the transmission.

CAT 5e superseded Cat 5 in 1999. It was designed to reduce crosstalk when transmitting 1000BaseT Ethernet. The "e" in Cat 5e stands for "enhanced". It is the most widely used cable in residential installations today.

CAT 6 was designed to transmit 1000BaseT at Gigabit speeds. Cat 6 is a wider cable than Cat 5e with more twists within its pairs to reduce crosstalk. Cat 6 can also be used in shorter runs for 10GBaseT Ethernet, but is vulnerable to alien crosstalk in a crowded cable environment.

CAT 6a was designed to transmit 10GBaseT, even in commercial environments. Cat 6a defends against alien crosstalk, which is crosstalk between cables in a crowded installation. The "a" in Cat 6a stands for "augmented".

WHAT'S THE DIFFERENCE BETWEEN BITS AND BYTES?

Network speeds are typically calculated in Bits, while files are calculated in Bytes. A Byte is 8 Bits.

WHY ARE NETWORKING CABLES TWISTED?

The twists in a cable are meant to defend against crosstalk on the line. The physics of this phenomenon are complex, but the twists prevent the signal running on one twisted pair in the cable from jumping to another twisted pair, causing interference.