F-SPLICES

“Dish Network approved”

AF-81CB
3GHz Brass Splice
35dB Return Loss
For 5-3GHz
27m/m long - Both Flat ends

AF-81X
3 GHz Brass Splice
35dB Return loss
for 5 - 3000MHz
27mm long
both Flat ends

AF-81S
- 21mm Long
ALL BRASS
SPlice
Economy typ

NW
Nut & Washer
½” Hex
100 set to bag

RG11 CONNECTORS and FEED THRU

RG11 CONNECTOR
with separate ring
for RG-11/U coax
AF-11

RG11 CONNECTOR
with separate fixed pin for
RG-11 .460 O.D. cable
AF-11C

RG-11 FEED-THRU
CONNECTOR
All zinc die-cast with o-rings
CON-11

HARDLINE ½” CABLE ADAPTORS and FEMALE SPLICE

FF-KS
F-female to KS adaptor
All brass

TRM-1
KS PORT
TERMINATOR
F, RCA, BNC, S-VIDEO ADAPTORS

RCA-81
RCA Jack splice

RCA-F
RCA Jack to F-Male

FF-R
F-Female to RCA Plug

RCA-90
Right Angle adaptor
F-screw on type

AF-90P
Right Angle adaptor
F-female to F-male
push-on

AF-71
F-Male to F-male
Splice

PF-59
Push On Adaptor
F-Female to F-Male push-on

ATTENUATORS AND VOLTAGE BLOCK
75 ohm TERMINATORS

FAM-( *)
FIXED ATTENUATOR
5-2300MHz
20dB return loss

SAT-(*)
POWER PASSING
ATTENUATOR
5-2300 MHz
20dB return loss

VBC
VOLTAGE BLOCK
5-2300MHz
20dB return loss

AF59T1G
TERMINATOR
25dB return loss for
5-2300MHz

AC/DC
BLOCKING

AC/DC
BLOCKING

AF59TPB
DC passing
TERMINATOR
20dB return loss
for 5-2300MH
### CRIMP-ON F-CONNECTORS

#### F-56D Series
**for RG6**  
with Zinc Die-cast  
7/16” Nut

<table>
<thead>
<tr>
<th>Model No</th>
<th>Descriptions</th>
<th>Plating</th>
<th>Tools</th>
<th>Cable type</th>
</tr>
</thead>
<tbody>
<tr>
<td>F59D</td>
<td>Die cast 7/16” Nut</td>
<td>Nickel</td>
<td>AHX-596 &amp; HXR596</td>
<td>RG59/U</td>
</tr>
<tr>
<td>F56D</td>
<td>Die cast 7/16” Nut</td>
<td>Nickel</td>
<td>AHX-596 &amp; HXR596</td>
<td>RG6/U</td>
</tr>
<tr>
<td>F56G</td>
<td>All brass with 7/16” Nut</td>
<td>Gold Zinc</td>
<td>-ditto-</td>
<td>RG6/U</td>
</tr>
<tr>
<td>F56GW</td>
<td>All brass with O-ring</td>
<td>Gold Zinc</td>
<td>-ditto-</td>
<td>RG6/U</td>
</tr>
<tr>
<td>F56SG</td>
<td>All brass with O-ring &amp; silicon gel</td>
<td>Gold Zinc</td>
<td>-ditto-</td>
<td>RG6/U</td>
</tr>
<tr>
<td>F56SW</td>
<td>All brass, conical crimp type</td>
<td>Nickel</td>
<td>digicon RTC-360</td>
<td>RG6/U</td>
</tr>
</tbody>
</table>

#### F-56G series
**for RG6**  
All Brass type  
with 7/16” Nut

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<td>Nickel</td>
<td>digicon RTC-360</td>
<td>RG6/U</td>
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</table>
**COMPRESSION TOOLS**

**CTL-102**
Economy and compact compression tool
for most F-type compression
RG59, RG6 connectors in the market

**CTL-102U**
Universal Compact compression tool
Supplied with adaptors to work with most of compression connectors in the market

**CTL-104**
Pro Compression Tool
Versatile and Fully adjustable
Works for most F-type compression connectors i.e. RG59, RG6, RG6Quad, and RG11 compression connectors using One flip-over adaptor
**RF A/B SWITCHES**

**AB-4**
PUSH BUTTON TYPE
A/B SWITCH
90 dB Isolation
Opened port terminated

**MATCHING TRANSFORMERS**

**MT75-3**
Matching Transformer with 3 capacitors
Aluminum tubing for fully shielded

**PT-1**
INLINE SURGE PROTECTOR
Ideal for protection from lightening for TV, receivers, DVD player, computer, etc.

**Surge Protector**

**HI-PASS FILTER**

**HPF-54**
High PASS FILTER
Pass 54-1000MHz
Cut below 50MHz
40dB - rejection
22dB - Return Loss

**5-1000MHz EQUALIZERS**

**EQ1G-**
1GHz EQUALIZER
Pass band: 50 - 1000MHz
Equalizing value: 3, 6, 9, 12 & 16dB
5 – 1000MHz SPLITTERS – Power Passing series

EPOXY BACK COVERED

SP-20
2-WAY SPLITTER

SP-30
3-WAY SPLITTER

SP-40
4-WAY SPLITTER

SP-80
8-WAY SPLITTER

1 GHz (ALL PORT) POWER PASSING SPLITTERS

SOLDER BACK COVERED

ASU-2
2-WAY SPLITTER

Insertion Loss - 4 dB Max
Isolation - 25 dB Min
Return Loss - 20 dB Min

ASU-3
3-WAY SPLITTER

Insertion Loss - 5.5 dB Max (equal loss)
Isolation - 20 dB Min
Return Loss - 18 dB Min

ASU-4
4-WAY SPLITTER

Insertion Loss - 7 dB Max
Isolation - 25 dB Min
Return Loss - 18 dB Min

1GHz DIGITAL SPLITTERS - (ONE PORT) POWER PASSING

SOLDER- BACK COVERED

SP-21GDC
2-WAY SPLITTER

Insertion loss - 4 dB Max
Isolation - 35 dB Min
Return Loss - 25 dB Min

SP-41GDC
4-WAY SPLITTER One port

Insertion Loss - 7 dB Max
Isolation - 25 dB Min
Return Loss - 20 dB Min.
**1GHz DIGITAL CATV SPLITTERS 6KV, 5 - 1000 MHz**

**“DISH APPROVED”**

- **ASP-21**
  - 2-WAY SPLITTER
  - 6KV Surge Protected

- **ASP-31**
  - 3-WAY SPLITTER
  - 6KV Surge Protected

- **ASP-41**
  - 4-WAY SPLITTER
  - 6KV Surge Protected

**“NON POWER PASSING SPLITTERS”**

- **TGV-21G**
  - 2-WAY SPLITTER

- **TGV-31G**
  - 3-WAY SPLITTER

- **TGV-41G**
  - 4-WAY SPLITTER

- **TGV-81G**
  - 8-WAY SPLITTER

---

**1GHz VERTICAL PORT SPLITTERS – Non Power Passing**

- **TGV-21G**
  - 2-WAY SPLITTER

- **TGV-31G**
  - 3-WAY SPLITTER

- **TGV-41G**
  - 4-WAY SPLITTER

- **TGV-81G**
  - 8-WAY SPLITTER

---

**1 GHz SOLDER BACK SPLITTER – Non Power Passing type**

- **SP-21G**
  - 2-WAY SPLITTER

- **SP-31G**
  - 3-WAY SPLITTER

- **SP-41G**
  - 4-WAY SPLITTER

- **SP-81G**
  - 8-WAY SPLITTER

---

**Specifications:**

<table>
<thead>
<tr>
<th></th>
<th>SP-21G</th>
<th>SP-31G</th>
<th>SP-41G</th>
<th>SP-81G</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solder back Horizontal</td>
<td>TGV-21G</td>
<td>TGV-31G</td>
<td>TGV-41G</td>
<td>TGV-81G</td>
</tr>
<tr>
<td>Tongue/Groove Vertical</td>
<td>All splitters - 5 - 42MHz return path and 54 - 1000MHz forward path</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frequencies (MHz)</td>
<td>3.8 dB</td>
<td>6.0 dB</td>
<td>8 dB</td>
<td>12 dB</td>
</tr>
<tr>
<td>Insertion Loss (dB Max)</td>
<td>All splitters with equal loss at all ports</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Isolation port-to-port (dB Min.)</td>
<td>25dB</td>
<td>20dB</td>
<td>25dB</td>
<td>20dB</td>
</tr>
<tr>
<td>Return Loss (dB Min.)</td>
<td>25dB</td>
<td>23dB</td>
<td>25dB</td>
<td>19dB</td>
</tr>
</tbody>
</table>

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-8-
SPECIALTY PASSIVE DEVICES

The **SP-16G** vertical port splitter features a printed circuit board to provide outstanding performance. The 16-way splitters may be used where cascading several splitters to meet the demands of MDU is required. Coupled with ASKA 1GHz directional couplers, an operator may run as many as 48 drops to a particular area. No power passing circuit.

**Specifications:**
- **Frequency Range:** 5 - 1000MHz
- **Insertion Loss:** 14dB Max
- **Isolation:** 25dB Min.
- **Return Loss:** 16dB Min.
- **Dimensions:** 3-15/16"W x 9-5/8"L x 1-3/8"H

**SP-16G**
1 GHz 16 Way CATV splitter

---

**UV-SJ**
UHF/VHF COMBINER
VHF: 5 - 216MHz
UHF: 470 - 860MHz

**UV-SS**
UHF/VHF COMBINER
DC pass Line to UHF
VHF: 5 - 220 MHz
UHF: 280 - 890MHz

---

**DIRECTIONAL COUPLERS – 1GHz – Solder Back**

**DCM1G**
MINI DIRECTIONAL COUPLER

**DCW1G**
WALL MOUNT DIRECTIONAL COUPLER

**Specification:**
- **Tap Value (dB):** 6, 9, 12, 16, 20, 24, 27, 30
- **Insertion Loss:** 2.5dB Max for 6dB
- 1.5dB for 9 thru 20dB
- .5dB for 24 thru 30dB
- **Isolation (Tap-Out):** 23 dB Min
- **Return Loss:** 20dB Min.

---

**16-WAY 1GHz DIGITAL SPLITTER**

---

**UV-SJ**
UHF/VHF COMBINER
VHF: 5 - 216MHz
UHF: 470 - 860MHz

**UV-SS**
UHF/VHF COMBINER
DC pass Line to UHF
VHF: 5 - 220 MHz
UHF: 280 - 890MHz
SATELLITE SPLITTERS

5 – 2300MHz WIDEBAND SATELLITE SPLITTERS

General Specifications for All 2GHz Splitters

- Return Loss: 12dB Min
- Port-to-port Isolation: 20dB Min
- Tongue & Groove heavy die-casting housings for 130dB RFI

5 - 2300MHz SATELLITE SPLITTERS – soldered back

2-WAY SPLITTERS

- SP2G-2: All port power passive
- SP2G-2DC: One port power passive
- SP2G-2DS: All port diode steered

- Insertion Loss: 6dB Max
- Port-Port Isolation: 20dB Min
- Return Loss: 12dB Min

3-WAY SPLITTERS

- SP2G-3: All port power passive
- SP2G-3DC: One port power passive
- SP2G-3DS: All port diode steered

- Insertion Loss: 11dB Max
- Port-Port Isolation: 20dB Min
- Return Loss: 12 dB Min

4-WAY SPLITTERS

- SP2G-4: All port power passive
- SP2G-4DC: One port power passive
- SP2G-4DS: All port diode steered

- Insertion Loss: 12 dB Max
- Port-Port Isolation: 20dB Min
- Return Loss: 12 dB Min
Dish Pro Diplexer – 2 Amp/28VDC Current Capability

• Features:
  • Low Insertion Loss, on both ANT and SAT ports
  • Higher Return Loss – 12dB Min. on both ANT & SAT ports
  • Solder back cover for excellent RFI shielding
  • Complies with CEA-897 Port color coding

• Specifications:
  Band width:  (ANT) 5 - 806MHz  (SAT) 950 - 2200MHz
  Insertion Loss:  (ANT) 2dB Max  (SAT) 1.5dB Max
  Stop band Attenuation:  35dB Min
  DC current capability:  (SAT port only) – 2 Amp 28VDC
  Return Loss:  12 dB Min. on both Sat and Ant ports

POWER INSERTERS

PS-1
SINGLE POWER INSERTER
Specifications:
Band width:  5 - 2300MHz
Insertion Loss:  2.5dB Max
Return Loss:  15dB Min.
Input Power:  20VAC 60Hz
Output DC Voltage:  18VDC
Max Current:  300mA
Power transformer:  UL listed

PI-10
POWER INSERTER
Specifications:
Frequency:  5 - 2300MHz
Insertion Loss:  0.5dB Max
Capacity:  60VDC 1 Amp
Specially designed to work in **HPNA** (Home Phoneline Network Alliance) environment over Existing Coax cables

**Features:**

- HPNA Compatible (Home Phone line Networking Alliance)
- Low Port-to-port Isolation (enable passing HPNA signal with low loss) allows HPNA communication signals to pass through the splitters to set top boxes with as small loss as possible
- Meets SCTE Environmental and Mechanical requirements – Solder back cover
- Expanded Pass Band for future communication channels – up to 1,500MHz
- Frequency Range: 5 to 42MHz Cable Modem, 54 to 1,500MHz down stream Cable broadcast

<table>
<thead>
<tr>
<th>Model No.</th>
<th>HPN-2</th>
<th>HPN-3</th>
<th>HPN-4</th>
<th>HPN-6</th>
<th>HCT-3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Description:</td>
<td>2-way splitter</td>
<td>3-way splitter</td>
<td>4-way splitter</td>
<td>6-way splitter</td>
<td>Coax Tap</td>
</tr>
<tr>
<td>Frequency Range:</td>
<td>4-1500 MHz</td>
<td>4-1500 MHz</td>
<td>4-1500 MHz</td>
<td>4-1500 MHz</td>
<td>4 - 1500 MHz</td>
</tr>
<tr>
<td>Insertion Loss (dB Max)</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>15</td>
<td>0.6dB - 4 - 27MHz</td>
</tr>
<tr>
<td>Return Loss - Input (dB Min)</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>30dB - 30 - 1500MHz</td>
</tr>
<tr>
<td>Return Loss - Output (dB Min)</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>Isolation OUT-OUT (dB Max)</td>
<td>8</td>
<td>10</td>
<td>12</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

**Installation example set-up**

- **Twisted pair 100 ohm**
- **VDSL signal**
- **IP-STB**
- **STB**
- **HCT-3**
- **Gateway**
- **HPN-3**
- **Home Dwelling Unit**
- **Ethernet**

**PC** - computer  
**TV** - TV set  
**STB** - Set top converter  
**IP-STB** - IP set top box  
**HCT-3** - Coax Tap  
**HPN-3** - HPNA 3-way splitter
DISTRIBUTION AMPLIFIERS

AM-1UV
UHF/VHF/FM HOME AMPLIFIER
10dB GAIN

25dB GAIN U/V/FM AMPLIFIER
AM-125 - With FM trap
AM-125G - With Gain control & FM trap

INLINE AMPLIFIER

Specifications:
Freq. Range: 950 - 2400MHz
Gain: 20 dB
Power requirement: 5 - 18VDC
can be used with XM radio

Power passive to connect directly between LNB and Satellite receiver or radio Output

LA-9520
Inline Amplifier

CATV DROP AMPLIFIERS - 1GHz BROADBAND

AMP-20W
20 dB Gain 1GHz Amplifier
Plug-in Type directly into AC outlet

Features & Specifications
• Handheld Mini plug-in type - Simple to use
• One piece construction with built-in power supply
• Fuse built-in for AC powering
• 1.5dB Low Noise figure
• 5 - 1000 MHz for full 20 dB gain with +/- 1dB flatness
• Return Loss (IN & OUT) - 10dB Min.
• Input/Output connectors – 75 Ohm F-type
• 35mm H x 74mm W x 48mm D
“FCC Approved”

The RFDM-1 & RFDM-3 modulates a video and left/right audio signal of VCR, DVD, Satellite receiver, security camera, etc. to a user selected TV channels.

RFDM-1 is a single channel input model.

RFDM-3 is a 3-channel input Mono modulator with ANT input.

They incorporate a commercial grade design intended for non-adjacent placement of the modulated channels in any free channel of UHF or CATV Ultra bands.

Specifications:

- Number of input:
  - RFDM-1: 1
  - RFDM-3: 3 with ANT input

- Output channels:
  - UHF: 14 - 74 Ch.
  - CATV Ultra: 65 - 135 Ch.

- Input Level Video: 1 V Min p-p for 87% modulation

- Output level: 25 dBmV

- Power supply: supplied

Note: Channel 95 thru 99 are not available

VHF RF MODULATOR CH-3 or 4 OUTPUT

RFM-1G
VHF RF MODULATOR

- Features:
  - VHF modulation for Audio and Video
  - Allow the additional channels of VCR, DVD, Satellite receiver to VHS Ch-3 or Ch-4 channels
  - Switch-able channel selection
  - RCA JACK for Audio/video inputs
  - F-Female connector for RF output – 30 dBm
GROUNDING BLOCKS

ECONOMY GROUND BLOCKS

GB-1
GROUNDING BLOCK
with mounting screws

GB-2D
DUAL GROUND BLOCK
with 2 ground ports and mounting screws

PREMIUM GROUND BLOCK

GB-1G
PREMIER GROUND BLOCK
brass splice to meet SCTE specifications
Return Loss 28dB for 5 - 2300MHz

DUAL PORT HIGH FREQUENCY GROUND BLOCKS

“ Dish network Approved”

GB-1UL
GROUND BLOCK
with circular contact insert for 28dB Return loss up to 2.3GHz

“Dish Network Approved”

GB-3UL
DUAL GROUND BLOCK
with 2 ground ports & circular contact insert for 28dB Return loss up to 2.3GHz

GB-7UL
DUAL GROUND BLOCK
with 3 ground ports & circular insert for 28dB Return loss up to 2.3GHz

QUAD PORT GROUND BLOCK

GB-5UL
QUAD GROUND BLOCK
with 4 ground ports for more than 4 cable lines
Ideal for Multi-sat systems.
28dB return loss up to 2.3GHz

ANCHOR KIT

ANC-KIT
ANCHOR KIT
Contains 100 each. of 10 x1 anchors and Hex head screws.
one 3/16" masonry drill bit supplied

LAG BOLTS - ANCHOR & CONCRETE SCREWS

½" Hex head

Half Inch Hex Head Lag Bolt with washer

“ Dish Network” Approved

LAG BOLT with WASHER
LBW516-2 - 5/16” X 2”
LBW516-2.5 - 5/16” X 2.5”
LBW516-3 - 5/16” X 3”

ANC-2
½” Double expansion anchor lead Shield 100 to a bag

7/16” hex head
SATELLITE DISH INSTALLATION ACCESSORIES

U-CLAMP
U-bolt kit for DBS mounts on outdoor antenna Accepts up to 1-3/4” mast set of 2

ACA-32
3-Prong AC socket to 2 prong Plug adaptor

AMT-1S
1-5/8” PIPE ADAPTOR
Supplied with extra nut on bolts
Fits for most of DBS Pipe

AMT-2
Dish Eave Mount
Makes attachment of DBS antennas to eaves & Roof overhangs fast.

AMT-5
Dish Mounting Fascia Plate with hardwares

COPPER GROUND STRAPS
A-24-6 - 6” strap
A-24-12 - 12” strap

A-2
Q-SPAN CLAMP
galvanized steel bolt and aluminum clamp

GROUNG ROD CLAMP
A-3/8 - 3/8” Ground Clamp
A-5/8 - 5/8” Ground Clamp

CADY-1
CABLE CADIES
to reel size up to 18” x 16” wide sturdy steel tubing painted for maximum weather protection

A-21-4
4 Ft ground rod with clamp copper plated
UL LISTED GROUNDING PARTS

AGC-1UL
Water Pipe Clamp
Fits ½” – 1-3/8”
all zinc die-cast

AGC-2UL
Meter Pan Corner
bonding clamp
Gold zinc plated

AGC-3UL
Pole Grounding
Lug Wire diameter
#14 – #2 wires
all Aluminum

AGC-5UL
Dual Pole Grounding
Lug Wire diameter
#14 – #2 wires
all Aluminum

“Dish Network”
Approved

AGC-4UL
Bonding clamp for
Meter box front
All stainless steel

Galvanized ground straps
GS6G-UL - 6”
GS9G-UL - 9”
GS12G-UL - 12”

Copper Ground Straps
GS6C-UL - 6”
GS9C-UL - 9”
GS12C-UL - 12”

Used for copper to
copper bonding
connection
SB4U - #4 Wire
SB6U - #6 Wire
SB8U - #8 Wire

IBEAM-UL
I-Beam Ground
clamp
Teeth on bracket
penetrate paint
and rust for strong
ground connection

GB3-UL
Ground Block
Dual
with 2 ground
ports
30dB RL up to
3GHz

GB7-UL
Ground Block
Dual
with 3 ground
ports
30dB RL up to
3GHz

GB5-UL
Ground Block
Quad
with 4 ground
ports
30dB RL up to
3GHz

GSW-1
Green Ground
Screw
Self tapping
100 to bag
INSTALLATION PARTS & ACCESSORIES

PITCH PATCH KIT
PPK-1 – 3 sealant pads with 3 lag bolts kit in one bag
PPK-2 - 3 sealant pads only w/o lag bolts

WEATHER SEALS
U/V Resistant

CT-8MH
CABLE TIES with mountable Head
Black
8 Inch

CABLE TIES - Black
Tensil strength - 50lb
CT-4 - 4 inch
CT-6 - 6 inch
CT-8 - 8 inch
CT-11 - 11 inch
CT-15 - 15 inch

SELF-SEALING TAPE

AWB-1
Rubber Boot
Fit RG-59/6 cable over Connector

SEAL-60 - ½” X 60 Inch
SEAL-120 - 1.5” X 10 Ft.
SEAL-334 - 3-3/4” X 10 Ft.

RTV-3
SILICONE RUBBER SEALANT Clear
3 Fl. Oz.

BOX-1
8.75”D X 6.25”W X 2.75”H
Polyethylene water resistant utility box

TRI-3 – 1-1/4” mast
TRI-32 - 2 “ mast

TRIPOD
3 Ft. Tripod Tower
• Heavy duty 1-1/4” tubing or 2” tubing
• Support masts up to 1-3/4” or 2” OD tube included, specify tube diameter when ordering
• Pre-assembled with 3 ea. 15” nails, 6 each 5/16” bolts and 12 nuts

FC-8
8” Flat cable
designed to install in exterior door thresholds or in window sills

CABLE CLIPS
for Single Coax
CC-6 - ¾” nail for RG59 - 6mm dia
CC-7 - ¾” nail for RG6 coax - 7mm dia

CABLE CLIPS for Dual RG-6
CC-155 - ¾” nail
CC-155L - 1” long nail

TELEPHONE WIRE CLIP
CC-3.5 - Round Wire

SCREW-IN CABLE CLIPS
Soft & flexible polyethylene material UV resistance hold coax cable securely
CX-1 - for RG6
CXG-1 - for Ground lead
CX-2 - for dual RG6 coax

All clips available in color, Black (B) or White (W), specify color
CC series uses “concrete nails” for block or masonry wall.
TELEPHONE ACCESSORIES

MODULAR SURFACE JACK
Converts 4-prong block to modular jack. Supplied with double back tape and screws
TMA-1 - Ivory
TMA-1W - White

DUAL SURFACE JACK
Converts hard wired block to Dual Modular Jacks. Supplied with double back tape and screws
TMA-2 - Ivory
TMA-2W - White

MODULAR T-ADAPTOR
Two in one modular adaptor
TDA-2 - Ivory
TDA-2W - White

TMC-3 MODULAR INLINE COUPLER
4-Conductor, Ivory only
TDA-3 TRIPLE JACK ADAPTOR
3 to 1 Modular adaptor convert single jack to triple jacks
Ivory only

TELEPHONE LINE CORDS
TLC-7 - 7 Ft
TLC-15 - 15 Ft
TLC-25 - 25 Ft

Cable Testers
This cable tester is design to check for continuity, miss-wiring, open, short, straight-thru or cross-spinning.
• Test for USOC, 8P8C, 6P6C, 4P4C modular telephone or LAN cables
• Includes Master and Remote
• Handy Zippered carrying case

TCT-1 Phone line tester can test polarity and other phone line conditions. Work with 4 or 6 position modular jacks
New

TCT-2

ADSL FILTER & FILTER/SEPARATOR

DSL-1 ADSL FILTER
• Filter only (no DSL output)
• Prevents ADSL signal from disturbing phone or fax machine
• Reduces noise and enhances signal quality

DSL-2 DSL filter/splitter
Use product for satellite consumers who have DSL with satellite receivers that have trouble dialing out or with noise
• Separate DSL Line to Phone/Voice signal and DSL Data signal
• Prevents ADSL signal from disturbing phone or fax machine
• Reduces noise and enhances signal quality

IDC SPLICING CONNECTORS

TUY-2 2-Wire IDC connector splices
AWG 22-26 wires
YELLOW

TUR-3 3-Wire IDC connector Splices
AWG 22-26 wires
RED
WALL PLATES & ACCESSORIES

ABP-1 BLANK WALLPLATE with single 3/8" hole
White or Ivory

ABP-2 BLANK WALLPLATE with dual 3/8" holes

AWP-RJ Single Modular Jack

AWP-DRJ Dual Modular Jack

WALL PLATE with AF81CB Premium SPLICES - 3GHz
Available in White or Ivory color – specify color when ordering.

SWP-10 Satellite Ribbon cable wall plate
Ivory or white

SINGLE COAX PLATE
SWP-81 - 3GHz splice

DUAL COAX PLATE
SWP-81D - 3GHz splices

WALL PLATE with Standard AF-81B SPLICES - 1 GHz

SINGLE COAX PLATE
AWP-81 - 1GHz splice

WALLPLATE with one phone jack & splice
AWP-81RJ - 1GHz splice

WALLPLATE with one phone jack & 2 splices
AWP-81DRJ - 1GHz splices

WALL MOUNT BRACKETS

Low voltage Mounting box
WMB-10 - Single gang
WMB-20 - Dual gang

WMB-1 Single Wall mount Bracket for low voltage wirings
WMB-2 Dual Wall mount bracket for low voltage wirings
WALL PLATES

KWP-1 1 port wall plate
KWP-2 2 port wall plate
KWP-3 3 port wall plate
KWP-4 4 port wall plate
KWP-6 6 port wall plate
KWP-12 12 port wall plate

SNAP-IN INSERTS

KI-BLK
Blank insert
White or Ivory

KI-RCA-R - red
KI-RCA-G - Green
KI-RCA-B - Blue
KI-RCA-Y - Yellow
KI-RCA-W - White

RCA Female coupler

KI-RCAF-R - Red
KI-RCAF-G - Green
KI-RCAF-B - Blue
KI-RCAF-Y - Yellow
KI-RCAF-W - White

RCA Jack to F-female

F-female Splices
KI-F1 - 1GHz splice
KI-F2 - 3GHz splice

KI-BP-B - Black
KI-BP-R - Red

Binding post
KI-RJ11
RJ11 6P4C Voice grade snap-in jack

KI-RJ45
CAT5e Keystone block Snap-in Jack

TMC-45
8C RJ45 Coupler

TMC-45S
8C RJ45 Coupler
Fully Shielded

SIDING CABLE CLIPS & FEED-THRU BUSHINGS

FTB-6
Feed Thru Bushing for single RG-6
Black or white

FTBD-6
Feed Thru Busing for Dual RG-6
Black or white

FTB-56X
FEED THRU BUSING with knock-outs
for single RG-6
Black or White

FTBD-56X
FEED THRU BUSING with knock-outs
for Dual RG-6
Black or white
**RJ-45 MODULAR ADAPTORS**

- **8C RJ45 Surface Jack**
  - screw-on
  - economy type

- **TMA-45D**
  - 8C RJ45 Dual Surface Jack
  - keystone block type

- **TMA-452**
  - 8C RJ45 Surface Jack
  - keystone block type

- **TMC-45S**
  - 8C RJ45 Coupler
  - Fully Shielded

**Note:** All adaptors are available from color of Ivory or White. Specify W-for white and IV-for Ivory color when ordering.

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**MODULAR PLUG, BOOTS AND CRIMPING TOOLS**

- **MCT-3**
  - MODULAR RATCHET CRIMPING TOOL
  - Strip & Crimp for 4, 6 & 8 contact modular plugs
  - Can crimp both handset and line plugs

- **MODULAR PLUGS**
  - **TMP-4F**
    - 4-contact Line plug RJ-11
  - **TMP-8F**
    - 8-contact Line plug, RJ-45
  - **TMP-8S**
    - Fully shielded 8-cond. plug

- **MODULAR PLUGS**
  - **TMP-4F**
    - 4-contact Line plug RJ-11
  - **TMP-8F**
    - 8-contact Line plug, RJ-45
  - **TMP-8S**
    - Fully shielded 8-cond. plug
Aska Model CTR-8 CABLE MAPPERS are designed to find and identify multiple twin leads and coax cables in system. Hand-held device is ideal for CATV, Satellite, speaker and security system installers. It is able to test multi-run cable system terminated with F-connectors or those who wish to map runs to central bundle. The numbered terminators are tuned to light up their matching green LEDs on the mapper panel to identify test cable.

**Features:**
- Test for open and short - continuity beeper up to 8 cables
- Bright Red and Green LED display test result
- Auto Power off: 12 seconds after pass/fail result
- Change to Tone mode in 30 Min.
- Maximum cable length for measuring – 3000Ft.
- Battery: 2 pcs 3 V CR2302 - Life 40 hours in continuous use

The CRT-12 cable tester is designed TO Tone cables allowing quick identification. Allow users to help troubleshoot cable problems by indicating open or short circuits. Tones out the circuit and has a LED indicator shows good or bad connections. It comes with 12 V battery and F-female splice.

**Cable test:** RJ-11, RJ-12, RJ45, USB

The ASKA hand-held digital multi-meters are pocket sized and measures DCV, ACV, DC Amp, Resistance and diodes. Includes 9V battery test proves and holster. Model No. CMT-2D is able to test Cable continuity of RJ-11, RJ45 and USB.

**Specifications:**

- **DC Voltage:** 200mV - 1000mV
- **AC Voltage:** 20V – 750v
- **DC Current:** 20mA – 20Amp
- **AC Current:** 200mA – 20Amp
- **Resistance:** 200 Ohm – 20Mohm
- **Diode Test:** Yes
- **Continuity Buzzer:** Yes

**Cable test:** RJ11, RJ12, RJ45, USB

- **Power supply:** 9V 6F22 type
- **Max display:** 1999
- **Display size:** 30 x 75mm
- **Weight:** 320gram
- **Size:** 3.5"W x 7.5"L x 1.5"H
SATELLITE SIGNAL METERS & ALIGNMENT TOOLS

SF-9522
PORTABLE SATELLITE FINDER
with Audio tone function and 22KHz pulse LED indicator

- 950 – 2300MHz bandwidth
- Pocket size and light weight
- High sensitive illuminated meter
- Audio tone function
- 22KHz TONE INDICATOR light up when receiving 22khz tone signal
- Comes with F-jumper cable

LEVEL-3
TEMPLATE LEVEL
Specially designed to help you precisely mark openings for ASKA Model # WMB-10 or WMB-20 single or Dual gang low voltage mounting boxes. It features both vertical and horizontal leveling vials enabling the use to square up the opening in either position.

AF-701M
SATELLITE ANGLE FINDER
Use to check vertical alignment of antenna mast to ensure level plane suggest to use with COMPASS

- Magnetic base for easy to use
- 4” diameter light weight
- Blister packed

SF-9522

LEVEL-3

AF-701M
The AMS-512R is designed for 12 satellite receiver systems on 19" Rack. They are especially designed to use with Satellite system using 22KHz pulse tone control for multiple satellite system such as all of DirecTV Phase one, Integrated 4x4 switch, Y-type switch and/or Phase III 18" x 20" multiple satellite system. The switch comes with PS-11 power supply.

**Specifications:**

- **Pass band Frequency:** 40 - 2300MHz
- **Insertion Loss:** -7dB Max.
- **Control Voltage:**
  - LNB A - 18V/0KHz
  - LNB B - 13V/0KHz
  - LNB C - 18V/22KHz
  - LNB D - 13V/22KHz
- **LNB current draw:** - 250mA Max
- **Power adaptor provided:** PS-11 120VAC, 24VDC, 600mA
- **Dimensions:** 18" x 2" x 4.8"
- **Weight:** 4 pound
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