ON THE CUTTING EDGE
TO GIVE YOU THE EDGE

Your leading one-stop shop for all materials, distribution, and supply chain management solutions supporting the telecommunications and broadband industry. We're more than a distributor, we're your trusted partner for technical and logistics expertise. From the headend to the home, we've got you covered. All In One. All For Your Network.

HFC Drop Installation Product Guide
ONE STOP SHOP
ONE ON ONE CONNECTIONS

CUSTOMIZED FOR YOU
We believe that customers deserve customization. With flexible delivery models, a plug-and-play approach, and modular set of value-added services, we’re your trusted partner to support your business needs from basic procurement to supply chain management, and everything in between. Call 1-833-USTC-CORP and we’ll create a customized solution to streamline your needs.

THE MATERIALS YOU NEED
We supply the products, materials, state-of-the-art tools and test equipment from the largest top-quality manufacturers for telecommunications providers, tier 1, 2, and 3 cable operators, rural utility providers, electric cooperatives, and contractors. From the headend to the home, we’ve got you covered with clamp meters, underground vaults & pedestals, raceway, stripping tools, drop connectors, RG6, RG59, RG11, terminators, adaptors, splitters, taps, amplifiers, and anything you need for the network.

THE RELIABILITY YOU WANT
You can count on us. Our timely focus will support your critical projects and operations, so you can focus on building, maintaining, and growing the network.

SAVE TIME
Our technical and logistics expertise, and our utilization of supply chain technologies help simplify and optimize your operations, allowing you to focus on your business knowing the supply chain is well managed.

SAVE MONEY
Our scale and expertise translate into significant operating and purchase cost benefits for our customers, letting you focus on helping your subscribers connect to the people and things they love.

PART OF THE ETC GROUP FAMILY
USTC Corp is the leading one-stop shop for all materials, distribution, and supply chain management solutions for telecommunications, HFC, FTTH, FTTx, wireless, 5G/mobile, and data center technologies with global presence across 13 countries as part of ETC Group. Founded in 1993 by Cédric Varasteh, ETC Group now supports over 14,000 customers worldwide, giving us the unique advantage of global purchasing power that helps drive costs down for our customers. Walker, Comstar Supply, and Multicom were acquired by USTC Corp and together the Group has 13 distribution locations across the U.S. With a comprehensive portfolio of 55,000+ state-of-the-art products from nearly 1,000 industry-leading suppliers, and best-in-class logistics solutions, we support thousands of carriers’ full range of products and solutions for seamless delivery of high-speed Internet, Video, Data, and Voice Services to Residential, Business, and Mobile Users.
From the Distribution Network to the Customer Premises, we have you covered with everything needed for HFC deployment. We carry products and materials from nearly 1,000 global sourcing and supply partners, including

- CommScope
- Antronix
- Amphenol Broadband Solutions
- CablePrep
- PPC (A Belden Brand)
- Channel
- Allied Bolt Products, LLC
- Corning
- dura-line
- Effigis Geo Solutions
- CableTek
- JONARD Tools
- KrisTech
- MacLean Network Solutions
- NCM Solutions
- PLP
- Hubbell
- VIAVI
- Ripley
- Steren
- Arcom
- VeEX
- CATX

The Verification Experts
INDOOR PASSIVES

With hundreds of splitters available for minimal insertion loss and optimized output return loss along with high port-to-port isolation, we have a variety of configurations including: 2, 3, 4, and 8-Way; Balanced, and Unbalanced; with horizontal and vertical formats; 1 & 1.2 GHz options, and MoCA splitters available.

Key Features:
- Meets ANSI/SCTE standards
- 6kV surge protection
- Superior contact area on “F” port to provide enhanced cable retention

Wall Plates

We supply a variety of wall plate options, including: 1 or 2 holes, and blank plates

Key Features:
- High performance F81 splice
- Bandwidth: 1 GHz & 1.2 GHz
- High impact resistant
- Colors: White & Ivory

MoCA Splitters

Key Features:
- 1.6 GHz performances
- Low legacy signal loss
- Excellent out of band rejection
- 6 kV surge protection
INDOOR ACTIVES

We offer amplifiers with Forward, Reverse, and Bi-Directional path options; 1, 4, 8, 12 Ports Output Configurations; with Gain options: Unity, 10 dB and 15 dB; and up to 1.2 GHz.

Key Features:
- Meets ANSI/SCTE standards
- 6 kV surge protection
- Passive VoIP port available on some models
- Various diplexer options: 5-42 MHz and 5-65 MHz

Drop Amplifier  Mini Drop Amplifier  Indoor Power Inserter

CPE RFoG

Key Features:
- Meets ANSI/SCTE 174 RFoG standard
- Various bandwidth options:
  - Upstream: 5-42 MHz, 5-65 MHz
  - Downstream: Up to 1.2 GHz
- PON Pass Through option
- Wavelengths available: 1310 nm and 1610 nm
- Indoor and outdoor options available
OUTDOOR PASSIVES

With over 100 Taps available, we’ve got you covered with all of your drop installation needs, including:

- SA/Cisco
- ARRIS/Regal
- CI/Motorola
- Philips/Magnavox
- ANTRONIX/Milenium
- Power tap option
- 2, 4, 8 ports faceplate models

- 1, 1.2, and 1.8 GHz bandwidth with the option to support DOCSIS 3.1
- 4 to 32 dB attenuation
- Narrow and widebody housing
- PIM conditioning option
- Reverse window option
- Fully ANSI/SCTE compliant

Key Features:
- Factory installed power passing bar for uninterrupted service when faceplate is removed
- Aluminum alloy housing
- 6KV Surge protection
- Tap dB identification along with signal flow is labeled and easily identifiable
- Aerial and pedestal installation applications
**DROP COAXIAL CABLE**

With many variations of coaxial cable available, we cover all of your drop installation needs. RG6, RG59, and RG11 series cable; Dual-Shield, Tri-Shield, and Quad-Shield; Single, Messengered, Siamese, and Siamese Messengered; PVC, and PE; Aerial and underground options are fully ANSI/SCTE compliant; and option for Cable In Conduit (CIC) is available as well.

**Key Features:**
- Available in a wide range of braid coverage (Tri-shield 77%, Dual-shield 95%, Quad-shield 95%/95%)
- Flame retardant NEC compliant (CATV, CATVR, CATP)
- Flooding compound for moisture protection in buried applications
- Regular or with specific corrosion protection options available
- Easy preparation due to bonding construction
**Drop Connectors: RG6, RG59, RG11 Series**

**Key Features:**
- Compression connectors come in standard or continuity versions
- All connectors meet ANSI/SCTE standard
- Compatible with most compression tools
- Continuity version is ideal for self-install kits, reducing truck rolls
- Composed of metallic or mixed design (metallic with plastic)

**Adapters**

**F81 Splice:**
- Meets SCTE standard
- Short and long version available

**Right Angle Adapter**

**Terminators**

**Key Features:**
- Standard or locking terminators available
- Options for with or without resistor available
- Prevents signal ingress and egress
- Reduces water migration into open ports

**Ground Block**

**Key Features:**
- Meets SCTE standard
- Exceptional moisture protection
- UL listed
- Options with or without weather seals available
- Superior corrosion resistance
DROP & INSTALLATION

Offering all necessary varieties of drop connectivity to ensure optimal signal level window for CPE devices to operate properly, we’re your go-to to get things done.

Filters

Key Features:
- High Pass, Low Pass, Tier Trap, and MoCA options available
- Meets ANSI/SCTE standards
- Various frequency available
- 1-1.2 GHz; 6 kV surge protection
- Low loss and high rejection
- Excellent out of band rejection for MoCA

Coaxial Cable Assemblies

RG6 Tri-Shield 77% with Continuity Connectors

Key Features:
- Available with HDMI and covered cable kitting
- Options available with and without simplex torque sleeves
- Meets ANSI/SCTE standards
- Length available: 3 and 6 feet
- The continuity connector option is ideal for self-installations and reduction of truck rolls
- Simplex sleeve allows for a greater torque during hand tightening

Attenuators

Key Features:
- High Pass, Low Pass, Tier Trap, and MoCA options available
- Meets ANSI/SCTE standards
- Various frequency available
- 1-1.2 GHz; 6 kV surge protection
- Low loss and high rejection
- Excellent out of band rejection for MoCA

Network Interface Device

Key Features:
- Meets ANSI/SCTE standards
- 1-1.2 GHz; 6 kV surge protection
- Various path attenuation and frequency band (Fixed, Forward and Return) options available

Feed-Through Bushing

Key Features:
- Impact and UV resistant
- Color Options: Black, Clear, and Ivory
COPPER & INSTALLATION

We offer all materials and products needed to support the customer handoff and CPE connection.

Ground Wire

Key Features:
- 12TW & 14TW available
- Solid copper
- Power applications up to 600 volts
- Installation in conduit and ducts
- Operates in wet and dry conditions
- PVC insulated

Copper Cable

Structured Cabling

Key Features:
- Cat5e, Cat6, Cat6a Cables
- Material: Bare Copper or CCA
- Rating: CM, CMR, CMP
- Shielding: UTP, F/UTP
- Various colors and lengths available

Flat Modular Telephone Cable

Key Features:
- Suitable for telephone and VoIP applications
- PVC jacket with 26 AWG stranded conductors
- UL listed

Audio Video Cables

HDMI Cable

Key Features:
- Available with covered cable kitting
- HDMI high-speed works with or without ethernet
- PVC jacket
- Solid wire
- Gold-plated (shell & contact)
- 28 AWG & 30 AWG
- Various lengths available
For home or business installations, we’ve got you covered with all of your hardware needs.

**Drop Hardware**

- Multi Drop Span Clamp
- Universal Messenger Wire Clamp
- CATV Drop Wire Clamp
- Drive Ring 1/2"
- Hook P Wrenchable 6 1/2"

**Poleline Hardware**

- U-Cable Guard Clamp 3/4 x 11/8"
- Hook J Drive, Rolled Fetter Drive Threads

**Grounding**

- Galvanized Ground Strap 1 1/8" X 8’
- Copper Ground Strap 6 1/2"
- Bronze Pipe Clamp ½"-1¼"
- Meter Box Clamp, Wide Lip
- Bronze Vise Type Clamp
- Connector Split Bolt
- Ground Rod 5/8" X 8’ Copper Bonded UL

**Wall Anchors**

- Drive Pin 1/4" X 1 1/2"

**Plastic Anchor Kit**
Including Plastic Anchors (100)
#10 x 1” slot hex tapping screw (100), 1¼” x 4” masonry drill bit (1)
**Time Domain Reflectometer**

**VIAVI Lab-Grade DSP TDR - Rugged Hand-Held Time Domain Reflectometer**

**Key Features:**
- Events list instantly viewable from function menu
- “Step” technology for higher precision over entire cable length
- Features fast, complete, and precise measurements without blind spots, and has a long battery life

**Application:**
- Precisely locates cable faults or breaks to get service back online as soon as possible
- Eliminates unnecessary span replacements by pinpointing cable problems enabling efficient splicing

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**Home Leakage**

**Effigis C-PAT Portable Leakage Detector DRV3 Lite; Digital Signal Generator DSG1 Lite**

**Key Features:**
- Cost-effective dual-band leakage meter and signal generator
- Advanced in-home shielding integrity testing (pressure test/system test)
- Frequency-agile in the mid-band (118 to 140 MHz) and LTE-band (600 to 860 MHz)
- Advanced in-home shielding integrity testing
- Audible squelch increases as you move closer to the leakage event
- Real-time RF level display of dual-frequencies in split-screen

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**CATV Meter**

**VIAVI Seeker HL Leakage Companion Kit for ONX and DSP Series Meters**

**Key Features:**
- Finds points of potential ingress, even when ambient ingress source is currently not present
- Finds leaks that may interfere with other over-the-air services within the home
- Troubleshoots home coaxial network issues quickly, without trial-and-error process

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**VIAVI OneExpert DSP-220 Installation/Service Meter**

**Key Features:**
- AutoChannel™: instantaneous channel lineup detection eliminates need for lineup editing, updating and deploying
- OneCheck comprehensive mistake-proof automated tests, including:
  - Ingress, downstream channels
  - DOCSIS carriers at three demarcation points (Tap, GB, CPE)
- DOCSIS check real-time analysis and powerful DOCSIS carrier and data service troubleshooting; upstream and/or downstream
- DQI (Digital Quality Index) focuses on raw information condition on the physical path, immediately detects intermittent and sustained issues within the stream
- Troubleshoots service issues between the Tap, Ground Block and CPE
- Identify and fix intermittent issues related to QAM and OFDM carriers and the home network
- Verify Wi-Fi signal strength, availability, and performance of 2.4 GHz and 5 GHz networks
**Digital Multimeter**

**SEFRAM 40 Voltage and Continuity LED Tester**

*Key Features:*
- Can measure voltages up to 690 V
- AC voltage measurement
- DC voltage measurement
- Unipolar phase detection
- Measure of continuity
- Automatic, compact, and reliable

**VeEx CX310**

*Key Features:*
- True DOCSIS 3.1 / 32x8 Cable Modem
- Frequency range from 5 to 1218 MHz
- DOCSIS 3.1 cable modem with true OFDM analysis
- Key SLM features include fast VeCheck full band scan and single channel QAM analysis
- MER and Pre/Post BER measurements of QAM carriers
- Analog video level measurements; Return Path and Forward Path Ingress scan
- Low-Cost meter suitable for every installation technician
- Lightweight and ultra-portable

**Digital Multimeter**

**SEFRAM 7221 Digital Multimeter – TRMS AC, 6000 Counts, Bluetooth and Datalogger**

*Key Features:*
- Voltage measurement up to 1000V TRMS AC and 1000V DC
- Measurement of low impedance voltages (LoZ)
- Current measurement up to 10A
- Safety: 600V CAT IV and 1000V CAT III
- Frequency, resistance and capacity measurement
- Continuity with buzzer; Volt Sense function
- Bluetooth® & Datalogger; Android App and iOS App

**Digital Clamp Meters**

**USTC Corp Digital Clamp Meter**

*Key Features:*
- Measures up to 600V AC/DC
- Non-contact voltage function (NCV)
- Auto/Manual ranging
- Safety: CATIII 600V
- ETL approved

**SEFRAM SP297B All-In-One Flexible AC Current Probe Meter 30/300/3000A with Bluetooth Interface**

*Key Features:*
- SP297B: 254mm flex 100mm diameter loop approx.
- 10,000 count LCD dual digital backlight display
- Fully automatic measuring:
  - Current up to 3000 A AC
  - Voltage up to 1000 V AC/DC
  - Frequency up to 10 kHz
  - Resistance up to 10 kΩ
- Continuity with buzzer
- Safety: 600V CAT IV and 1000V CAT III
- Diameter: 10cm
**F Connector Compression Tool**
- RG6-RG11 Connector Installation Tool
- Powerful leverage to ensure precise connection

**Torque Wrench**
- 7/16” angle head, 30 in.-lb. of torque
- Audible clicking sound ensures proper calibrated torque and prevention of damage
- Angled speed head allows for easy use

**Drop Cable Stripping Tool**
- RG6, RG59, and RG11 stripping tool

**Security Tool**
- Used to unlock, lock, and remove locking terminators
- Engages quickly and smoothly without damaging the port

**Coaxial Cable Cutters**
- Easily cut through RG59, RG6, RG11 cables
- Blade geometry ensures smooth cut to facilitate easy insertion and excellent termination

**Side Cutter**
- 180mm

**Drop Cable Stripping Tool**
- Strip jacket
- Cut back braid and dielectric center conductor

**Screwdriver**
- Easily install and remove F-Type connectors in hard-to-reach places
- This tool is a must-have for all installers

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**Installation & Construction Tools**

**Fish Tape Pulling Systems**

Key Features:
- Fiber glass or composite available
- Various diameters and lengths available:
  - 3 and 4 mm diameters available
  - Up to 98.5 ft lengths available

**Cable Reel Roller**
- Steel or Aluminum
- Can handle loads up to 3,300 lbs.
- Designed with collapsible lateral bar in order to increase installation efficiency

Key Features:
- Fiber glass or composite available
- Mounted on robust galvanized steel reel
- Various diameters and lengths available:
  - 4.5 up to 11mm diameters available
  - 196 ft up to 985 ft lengths available
Cable Clips

Steel Cable Clip

Plastic Cable Clips

Cable Ties

Key Features:
- Various cable ties available: standard, releasable, double locking, marker, and more
- Material: Nylon 6.6
- Weather-resistant
- UV resistant
- Options with or without stainless steel available
- Tensile strength: 18 lbs. to 350 lbs.
- Various colors available

Screws

Various screws available to suit your installation needs, including:
- Drywall, Lag, and Self Tapping
- Phillips Head, Square Head, and Hex Head
- Various sizes and lengths available

Electrical Tape

Key Features:
- Weather-resistant and UL listed
- Various tensile strengths available, including thickness of 7 mils and 8.5 mils
- Dielectric strength > 7 kV
- Various colors available

General Consumables

Heatshrink:
- Various diameters available: 1.3, 1.5, & 1.7"
- Length: 48"

Power Cord:
- Polarized and Non-Polarized options available
7+ million
miles of fiber distributed
to our customers annually
across the globe

1+ million
square feet of indoor and
outdoor storage capacity across
our 13 locations with additional
buildout available as needed

55,000+
SKUs of equipment,
state-of-the-art tools, and
top-quality materials available
our global suppliers

IMPRESSED WITH OUR NUMBERS? THEN USE THIS NUMBER:
1-833-USTC-CORP

Give us a call and we can create a customized solution just for you.

14,000+
customers worldwide including
tier 1, 2, and 3 cable operators,
telecommunications service
providers, rural utility providers,
electric cooperatives, and contractors

1,000
nearly 1,000 valued
global sourcing and supply
partners

400+
employees in the U.S. and
1,200+ across the globe who are
All In, working hard every day to
ensure customer satisfaction
and reliability

ALL IN ONE. ALL FOR YOUR NETWORK.
With 13 locations, we can support your business needs anywhere across the country.

Edison, NJ (3) – USTC Corp Headquarters, Primary Distribution Center, and Production Center
Dallas, TX – USTC Corp Distribution Center
Winston-Salem, NC – Walker Corporate Office & Distribution Center
Reno, NV – Walker Logistics Center
Tyler, TX – Walker Logistics Center
Gilbert, OK – Walker Logistics Center
Collegeville, PA – Comstar Supply Corporate Office & Distribution Center
Garner, NC – Comstar Supply Logistics Center
South Bend, IN – Comstar Supply Logistics Center
Longwood, FL (2) – Multicom Corporate Office, Primary Distribution Center, and Production Center

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