



TRIBUTARIES®
Bringing it all together



CUSTOM INSTALLATION

Professionally Install Products Right the First Time

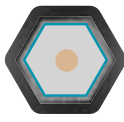
Profit with ProFit®

● TRIBUTARIES® ProFit® System

ProFit System employs radial compression technology which preserves the coaxial cables critical 75 ohm impedance by maintaining the outer diameter (O.D.) of the cable's dielectric. This is the only connection system that is AT&T approved and meets both SCTE (Society of Cable Telecommunication Engineers) and Bellcore (Bell Communications Research) standards. Other cable terminations employ a hex crimp or screw terminal which crushes the dielectric, changing the O.D., and therefore changing the cable's impedance.



● RADIAL



● HEX



● SCREW

● Smith charts at 1 GHz have shown that distorting the dielectric has in some cases dropped the impedance of a cable to 40 Ohms.

● ProFit® Kits, Tools and Accessories

These are our Professional AV installers "bread & butter"- items they rely on every day to get their customer's homes connected quickly, and with the industry leading performance they expect from our products.



● TOOL-CRIMP

- Radial Linear compression tool for BNC, F & RCA connectors



● TOOL-STRIP

- Strip tool for RG59, RG6 Coax Cables



● TOOL-CADDY

- Caddy holds 6 crimping dies
- Gold for RCA & F connectors
- Nickel for RCA & F connectors
- Right angle connectors
- Wall plate inserts



● TOOL-STRIP MINI

- Strip tool for Mini Coax Cables

● ProFit KIT

- PROFIT KIT is a sturdy starter kit that includes 100 radial compression connectors, 21 adapters and couplers and four free tools: Linear Compression Tool, Standard Strip Tool, Mini Screwdriver and a versatile Pocket Knife all in an attractive blue carry case.

Further specifications are available at our website www.tributariescable.com

● Fast & Easy

As the picture shows, the **ProFit System** is fast & easy to install. The visible entry has reduced the amount of failures to nil. This is the ideal solution for the busy professional AV installer! Easy to use, rugged and super-reliable, these connections maintain a consistent 75 ohm impedance. Once crimped, the connection can withstand up to 80 lbs of pull pressure to disconnect the connector from the cable. These features provide the professional AV installer peace of mind for years of service-free performance.



These easy **one piece** solid brass RCA, F and BNC connectors universally fit standard Coax Cables. All connectors are either color-coded red for RG59, green for RG6 or violet for 23AWG Mini Coax Cables. Color trim rings are available for easy signal identification.



● RG59 Universal

- Color-coded red
- Gold-plated BNC, F + RCA
- Nickel-plated BNC, F + RCA

● RG6 Universal

- Color-coded green
- Gold-plated BNC, F + RCA
- Nickel-plated BNC, F + RCA

● Mini Coaxial

- Color-coded violet
- Nickel-plated BNC + RCA

Coaxial Cables

All Tributaries Coax cables are built to the strictest specs and every box is inspected upon arrival at our warehouse. Whether it's Dual shield or Quad shield, Single or Siamese, Tributaries has the Coax cable that professional AV installers count on. Plus, we guarantee that all of our coax cables are manufactured to the exact physical tolerances required to work every time with our ProFit system.

RG6 for Broadband Video and Satellite

Tributaries RG6 cables are swept to 3.0 GHz, UL® Listed CL2 CATV 75C CSA FT4 and feature the following specifications:

Electrical Properties:	
Impedance (Ohm)	75 Ohms +/- 3
Capacitance (Pf/Ft)	16.2
Velocity of Propagation	82%
UL Temperature rating	-13°F to 167°F
Structural Return loss 5-1000MHz	20dB Min.

Attenuation dB/100Ft (20° C)			
55 MHz	1.60	1000 MHz	6.56
211 MHz	2.93	1450 MHz	8.10
300 MHz	3.44	1750 MHz	8.80
550 MHz	4.77	2200 MHz	10.10
750 MHz	5.74	2750 MHz	11.64
870 MHz	6.10	3000 MHz	12.24



● RG6DSC

- Dual Shielded
- 18 AWG Solid Copper
- Available in black & white
- Available in box & spool



● RG6QS

- Quad Shielded
- 18 AWG Copper Clad Steel
- Available in black & white
- Available in box & spool



● RG6QSC

- Quad Shielded
- 18 AWG Solid Copper
- Available in black & white
- Available in box & spool



● RG6QSC2

- Siamese Quad Shielded
- 18 AWG Solid Copper
- Available in black
- Available in spool

RG59 for Baseband Audio & Video

Tributaries RG59 Coaxial cables are UL® listed CL2 CATV and CSA FT4. The Siamese RG59 Single Shield cable is swept to 900 MHz and is ideal for analog audio runs, while RG59 Serial Digital cable is perfect for making custom interconnects in the field. RG59 Coaxial cables carry the same Electrical Properties as RG6 but have the following attenuation specs:

Attenuation dB/100Ft (20° C)			
50 MHz	2.10	1000 MHz	8.20
200 MHz	3.80	1500 MHz	9.90
400 MHz	5.10	2000 MHz	11.60
750 MHz	7.00	2250 MHz	12.40
865 MHz	7.60	3000 MHz	14.30



● RG59DC

- Dual Shielded 20 AWG Solid Copper
- Colors: red, blue, green & grey
- Available in box & spool



● RG59SSC2

- Single Shield 20 AWG Solid Copper
- Available in white with red stripe
- Available in spool

Further specifications are available at our website www.tributariescable.com

● Mini Coaxial Cables

TRIBMINI Custom Install cables all feature a 23AWG solid copper conductor in a 75 ohm impedance cable. The solid core design makes this mini coax a breeze for terminating with the ProFit system. Designed to be used for video, audio or digital signals, TRIBUTARIES new TRIBMINI cables are as much at home carrying a component signal as it is an analog or digital audio signal. Available in multiple configurations, this coax has been engineered with the best dual shielding available; 97% copper braided shield plus bonded aluminum wrap protect this cable at low and high frequencies.

All Tributaries TRIBMINI cables are UL® listed CL2 CATV CMR 75C CSA FT4 and feature the following specifications:

Electrical Properties:	
Impedance (Ohm)	75 Ohms +/- 5
Capacitance (Pf/Ft)	16.5
Velocity of Propagation	83%
UL Temperature rating	-35°C - 75°C

Attenuation dB/100Ft (20° C)			
712 MHz	3.1	720 MHz	9.5
135 MHz	3.8	1000 MHz	10.5
270 MHz	5.4	1500 MHz	13.0
360 MHz	6.2	2500 MHz	16.9
540 MHz	7.7	3000 MHz	18.5



● TRIBMINI1

Designed for audio & video or digital connections



● TRIBMINI3

For component video



● TRIBMINI5

For RGBHV, component video with stereo audio or to work with Tributaries HXMINI5 HDMI extender



● TRIBMINI5D2

With 2 CAT6 cables this cable is perfect for component, stereo audio and 2 data or use in balun systems

To put a finishing touch on the installation, Tributaries offers rubber boots for the TRIBMINI3 & TRIBMINI5

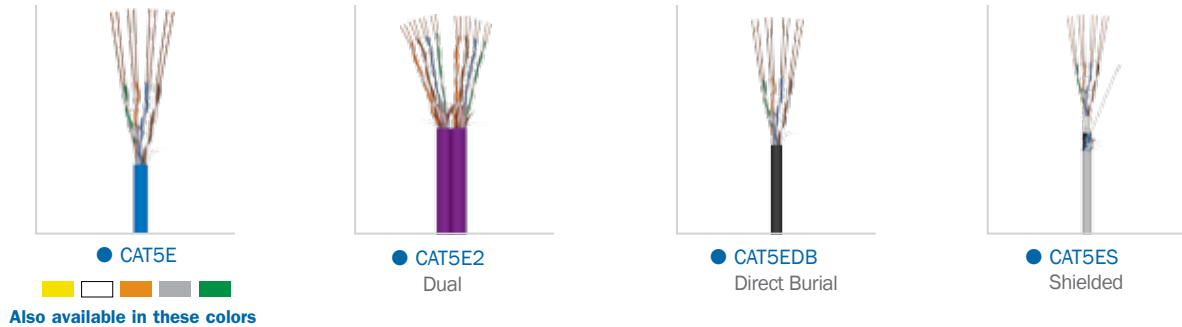


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Category Cables

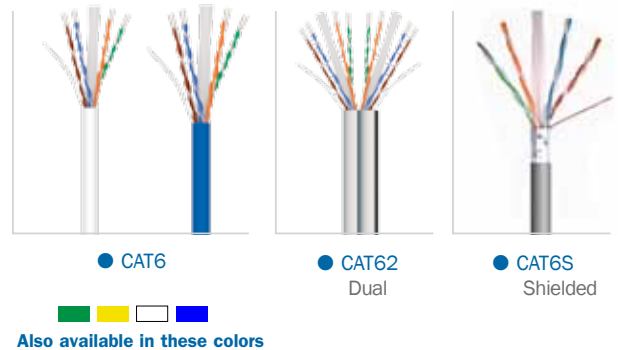
CAT5 Data Cables

CAT5E is commonly used for phones, networks, multi room systems, and baluns. This enhanced version of Cat 5 has four 24 gauge solid wires twisted pairs. This construction preserves a high signal-to-noise ratio despite interference from both external sources and other pairs. The tighter specifications associated with CAT5E cable make it an excellent choice for use with 1000BASE-T networks. Available in 6 colors, single or dual, shielded or direct burial, Tributaries CAT5E is UL® listed CMR, CSA FT4 and is tested to 350 Mhz and allows 1Gbps of data transfer.



CAT6 Data Cables

CAT6 is a cable standard for Gigabit Ethernet and other network protocols that is backward compatible with the Category 5/5e. Tributaries CAT6 cable contains four 23 gauge solid wires twisted in pairs. Each twisted pair is separated by a Polyethylene insulator; featuring more stringent specifications so that Attenuation, NEXT (Near End Crosstalk), and PSNEXT (Power Sum NEXT) are all significantly lower when compared to Cat-5/5e. Available in 4 colors, single, dual or shielded. Tributaries CAT6 is UL® listed CMR, CSA FT4 and is tested to 550MHz and allows 3.2 Gbps of data transfer.



Modular RJ45 Plugs and Tools

Tributaries Modular RJ45 8P8C plugs and RJ45/11 Crimp Tools are specifically engineered to ensure you receive the performance you expect from your Category cable. The plugs are made of high-grade plastic and are fitted with 50 micron gold-plated contacts. Every pack of RJ45 plugs includes a handy instruction sheet to get you started.



● **TOOL-RJ45/11**

- Installs RJ45 & RJ11 plugs

● **CONC-RJ45**

- For CAT5E

● **CONC-RJ456**

- For CAT6

● **CONC-RJ456S**

- For Shielded CAT6

Further specifications are available at our website www.tributariescable.com

CS Speaker & Control Cables

All custom speaker cables are built & tested to rigid specifications. All cables feature jackets that are rated UL® CL3R Direct Burial, CSA FT4 and are available in 2 or 4 conductor versions with a high strand count for flexibility.

Speaker Cables

Tributaries “CS” Speaker and control cables are some of our best selling products and are trusted by Professional Installers around the world. Many hundreds of feet of these cables are run through homes to provide sound to loudspeakers as well as signals for RS232, IR control & security systems.



● CS122/124

- two/four conductors
- 12 AWG/168 strands
- Available in white
- Available in spool



● CS142/144

- two/four conductors
- 14 AWG/105 strands
- Available in black & white
- Some stock available in blue & violet
- Available in box & spool



● CS162/164

- two/four conductors
- 16 AWG/65 strands
- Available in black & white
- Some stock available in blue
- Available in box & spool

Control Cables

Tributaries Control Cables are smaller gauge multi-conductor cables predominately used for RS232, IR control and security systems. These cables are UL® listed CL3 and CSA FT4.



● CS222S2

- Two pairs / 4 conductors
- 22 AWG/7 strands
- Pairs individually shielded
- Available in grey
- Available in boxes



● CS224S

- Four conductors
- 22 AWG/7 strands
- 224S shielded
- Available in grey
- Available in boxes

Home Automation Cables

Home Automation Cables

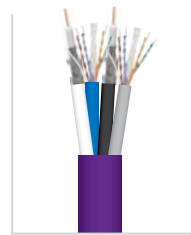
CAT5E based Home Automation and Combination cables are available in several configurations and meet the needs of specific integration jobs. As you would expect from Tributaries, all cables are manufactured to the most stringent standards of QC and material quality. Cables for Lutron® lighting systems and for Crestron®, Vantage® and Elan® control systems are designed to meet the control manufacturer's specifications.



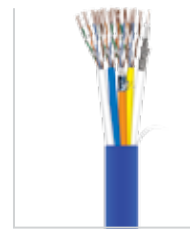
- **TRIBD1A14/16**
CAT5E + 14/4 or 16/4 in Siamese configuration for Volume Controls + Keypads



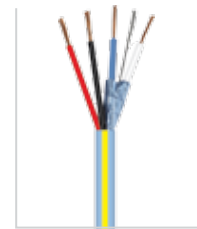
- **TRIBC61V1**
CAT6 + RG6QSC in Siamese configuration for TV + Phone or Data



- **TRIBC62V2**
2 CAT6 + 2 RG6QSC in overall jacket for TV + Aux video + Phone + Data



- **TRIBDM**
Crestron® DM® compatible



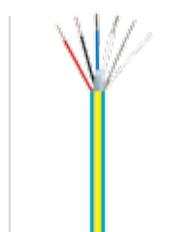
- **TRIBL**
Lutron® lighting systems compatible



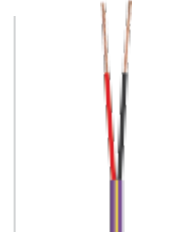
- **TRIBLSIV**
Lutron® Sivoia Shade systems compatible



- **TRIBCAT**
Crestron® Crescat® compatible



- **TRIBNET**
Crestron® Cresnet® compatible



- **TRIBVANT**
Vantage® compatible 600 V
Low capacitance



- **TRIBVIA**
Elan® Via!® compatible
Great for cameras