



VOLTAN

POWERING CONNECTIONS • ENERGIZING SOLUTIONS



Voltan Coaxial Cable

High Performance RG6 & RG11 Solutions for
Superior Signal Transmission

PRODUCT RANGE

RG6

- Construction: Solid copper or CCS conductor, gas injected foam PE dielectric, bonded aluminum foil, 60 %/90 % braided shield, PVC or LSZH jacket
- Impedance: 75 Ohm
- Applications: Satellite TV, CCTV systems, broadband internet, and home entertainment
- Advantages:
 - Low signal attenuation
 - Excellent shielding for EMI/RFI protection
 - Flexible and easy to install

RG11

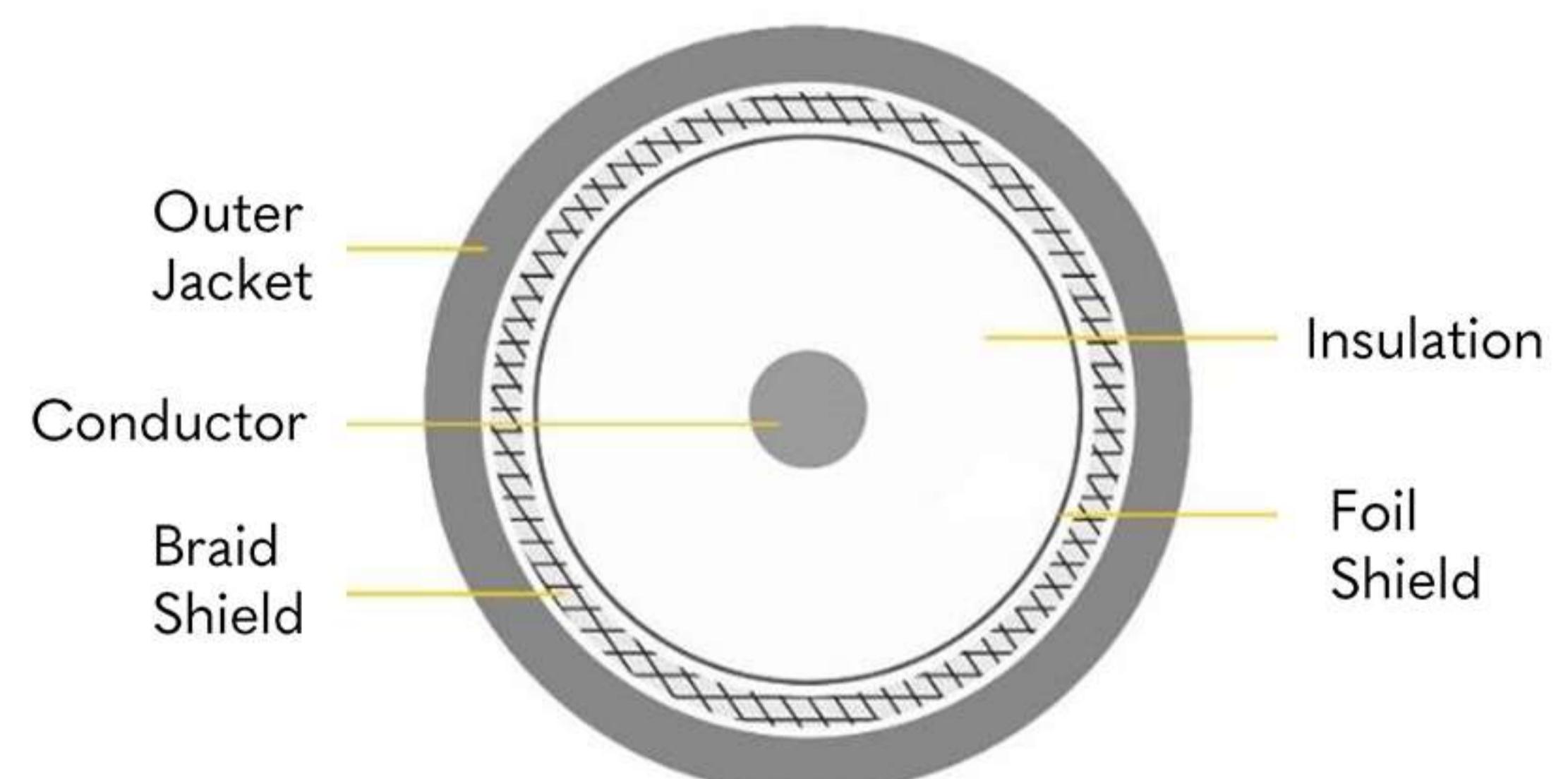
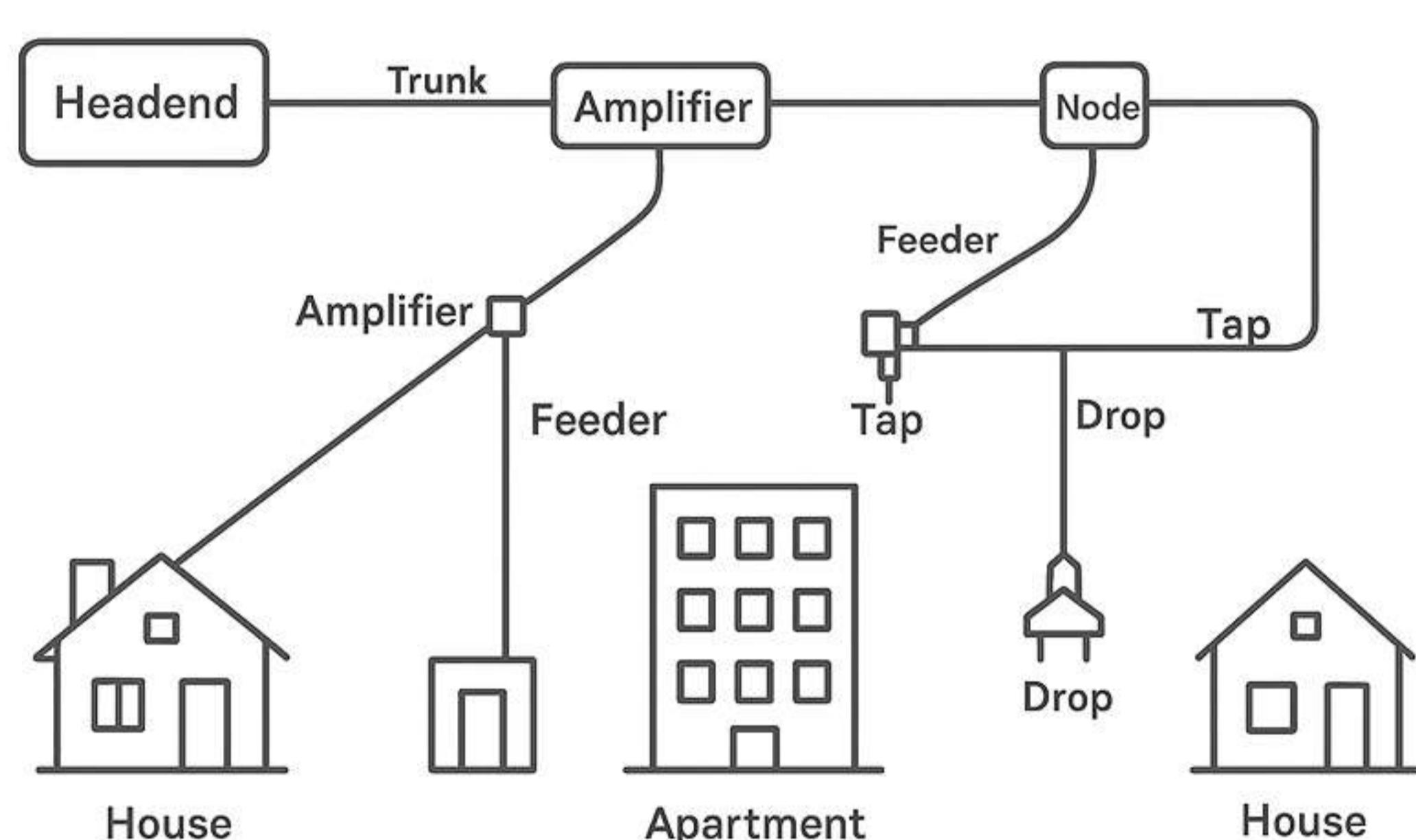
- Construction: Larger conductor for long distance performance, gas injected foam PE, 100 % aluminum foil + 90 % braid shield, PVC or LSZH jacket
- Impedance: 75 Ohm
- Applications: Long run CATV, HDTV backbone installations, RF transmission
- Advantages:
 - Lower signal loss over extended distances
 - Superior shielding integrity
 - High signal capacity for large scale networks



Scan for more Details

INSIGHTS

COAXIAL CABLE SYSTEM ARCHITECTURE



Voltan coaxial cables are engineered to deliver outstanding performance in signal transmission, ensuring crystal clear audio, video, and data quality. Built with premium materials and advanced shielding, they are ideal for professional and commercial applications requiring durability, efficiency, and low signal loss.



TYPICAL APPLICATIONS

These services cover a wide range of digital infrastructure. Satellite and cable TV networks deliver entertainment and news to homes and businesses. CCTV surveillance systems ensure safety through continuous monitoring. Internet service providers keep people and organizations connected. Data centers and headend systems handle the storage and distribution of digital content. And broadcast and communication infrastructure supports seamless transmission of information across various platforms

PRODUCT FEATURES

- High purity copper for superior conductivity (CCS or CU options)
- Gas injected foam dielectric for stable signal transmission
- Double shielding for maximum interference protection
- Flame retardant and UV resistant jacket options
- RoHS compliant and tested to international standards

WHY CHOOSE OUR COAXIAL CABLES?

The product is designed to uphold consistent quality assurance throughout its lifecycle, aligning seamlessly with internationally recognized standards to ensure safety and reliability. It offers flexible customization options, allowing engineers and installers to tailor the solution precisely to the unique requirements of each project—whether it's a compact residential setup or a large-scale commercial system. Its dependable performance is reinforced by rigorous third-party testing and certifications, giving stakeholders confidence in its long-term viability and regulatory compliance. This versatile design makes it a smart choice for a broad range of installation environments, from modern homes to complex commercial infrastructures.



ORDER INFORMATION

RG6U

Part No.	Description
VTAL660P	RG 6U 75 Ohm Coaxial Cable with 60% AL Braid Coverage - PVC
VTAL660L	RG 6U 75 Ohm Coaxial Cable with 60% AL Braid Coverage - LSZH

VTAL6690P	RG 6U 75 Ohm Coaxial Cable with 90% AL Braid Coverage - PVC
VTAL6690L	RG 6U 75 Ohm Coaxial Cable with 90% AL Braid Coverage - LSZH

VTAL660PE	RG 6U 75 Ohm Coaxial Cable with 60% AL Braid Coverage - PE
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VTBC690P	RG 6U 75 Ohm Coaxial Cable with 90% BC Braid Coverage - PVC
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VTBC660P	RG 6U 75 Ohm Coaxial Cable with 60% BC Braid Coverage - PVC
VTBC660PE	RG 6U 75 Ohm Coaxial Cable with 60% BC Braid Coverage - PE Jacket

VTTC695P	RG 6U 75 Ohm Coaxial Cable with 95% TC Braid Coverage - PVC
VTTC695L	RG 6U 75 Ohm Coaxial Cable with 95% TC Braid Coverage - LSZH

RG11U

Part No.	Description
VTAL1160P	RG 11U 75 Ohm Coaxial Cable with 60% AL Braid Coverage - PVC
VTAL1160L	RG 11U 75 Ohm Coaxial Cable with 60% AL Braid Coverage - LSZH

VTAL1160PE	RG 11U 75 Ohm Coaxial Cable with 60% AL Braid Coverage - PE
VTBC1160P	RG 11U 75 Ohm Coaxial Cable with 60% BC Braid Coverage - PVC

VTBC1190P	RG 11U 75 Ohm Coaxial Cable with 90% BC Braid Coverage - PVC
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VTAL1195P	RG 11U 75 Ohm Coaxial Cable with 95% AL Braid Coverage - PVC
VTAL1195L	RG 11U 75 Ohm Coaxial Cable with 95% AL Braid Coverage - LSZH

VOLTAN

Voltan Technology Limited stands as a dedicated leader in the electrical and electronics manufacturing industry, with a strong footprint across diverse sectors. Recognized globally as a specialist in low voltage solutions, we operate from our headquarters in London, UK. Delivering advanced, efficient methodologies to meet the dynamic needs of our clients.

Our comprehensive portfolio includes UPS systems, LAN & Control cables, Network Racks, and IP enclosures. We are proud to support a wide array of industries, including government, hospitality, education, healthcare, utilities, media and entertainment.

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