



CNT™ BRAIDED CABLE AND CONNECTOR SOLUTIONS

Connecting New Technologies



Frequently Asked Questions



How can you connect today's networks with tomorrow's technologies?

It's simple. It's essential. CNT™, Connecting New technologies

CNT is the new high-performance, 50 Ohm braided cable solution from Andrew Solutions. Universally applicable to all technologies, CNT braided cables are essential to any new, emerging network applications that require low loss, flexible RF cables. New technologies such as LTE and WiMax are demanding more bandwidth and more capacity than ever before. With CNT, your network will be wired and ready for whatever the next evolution may bring.

Expect More from Your Braided Cable. Get More from Andrew.

Andrew CNT braided cables are designed to provide excellent electrical and mechanical performance, with the highest quality materials, to ensure they satisfy your application, indoors or outdoors. CNT is the cable of choice for microwave backhaul applications, providing a reliable, low cost connection between the IDU and ODU. Wherever you need a superflexible, low loss, high-performance 50 Ohm RF cable solution, CNT is the answer. CNT is compatible with industry standard connectors, tools, and installation accessories.



20 questions about the Andrew CNT Solution

1 What is Andrew CNT™ Braided Cable?

Andrew CNT Braided cables are high-performance braided, flexible, low loss 50 ohm coaxial cables that support next-generation technologies. CNT offers maximum flexibility for installations requiring a tight bend radius.

Andrew CNT solutions cover the entire RF footprint for applications and technologies that connect the world:

- Microwave backhaul
- E911
- In-building
- Government Medical
- In-cabinet
- Distributed antenna systems
- Two-way land mobile
- Mobile and satellite antennas
- ITS/Vehicle-to-vehicle communications
- Wi-Fi/WiMax/LTE/4G
- LMDS/MMDS/WLL
- Broadband
- Unlicensed band

2 Are CNT cables available in different lengths?

CNT reels are available in standard or customized lengths to suit installation needs.

3 Can we install Andrew connectors on competitor's equivalent standard cable?

Yes.

4 Can we install standardized competitor's connectors on Andrew standard cables?

Yes.

5 Are CNT jumper assemblies tested at the factory?

Each individual CNT jumper is pre-tested at the factory to meet standard specifications.

6 Is the CNT cable certified by ANATEL?

CNT-400 is certified by ANATEL (0197-10-5344) to meet all specifications and requirements.

7 What is the warranty on CNT products?

All CNT products have a five-year warranty. They are also backed by Andrew's reputation for superior products that are thoroughly tested in engineering and production.

8 Where is Andrew CNT Braided Cable typically used?

CNT cables work virtually anywhere high-performance coaxial cables are needed, including:

- Internal component and equipment wiring
- Inter/intra cabinet jumpers
- Indoor/outdoor unit connections for microwave backhaul
- Base station and antenna jumpers
- Tower and pole feeder runs
- In-building runs, including riser runs and air-handling plenums
- Rooftop installations

9 How does Andrew CNT Braided Cable work with other Andrew products?

CNT cables are part of Andrew's total solution of high-performance products that include connectors, adapters, accessories, and jumpers. For example, in a microwave backhaul system, Andrew microwave antennas, steel, and CNT Braided Cable are all integral components that deliver value to our OEM customers. CNT is also used for antenna and base station jumpers as part of an Andrew antenna feeder solution.

10 What sizes and types of Andrew CNT Braided Cable are available?

Andrew CNT Cable Ratings:

- Standard – general purpose use
- Fire Retardant – anywhere fire safety is critical, such as in-building vertical risers
- Plenum – in-building air handling plenums and difficult installation areas
- Riser – in-building between floors and other non-plenum vertical applications
- Direct burial – exterior rated/underground feeder applications (CNT-400 only)

CNT Sizes: CNT-100, CNT-195, CNT-200, CNT-240, CNT-300, CNT-400, CNT-500, CNT-600

11 What are the advantages of Andrew CNT Braided Cable solutions?

- Global manufacturing and distribution
- Customized solutions for special applications
- Single source for all your product needs
- Flexibility and ease of installation
- Universal compatibility
- Competitive pricing

12 What makes Andrew CNT Braided Cable different from corrugated cables?

CNT braided coax offers electrical performance comparable to corrugated copper products, but with significantly higher flexibility and simplified connectorization at a lower cost. CNT cable is engineered for low loss. Suitable for indoor and outdoor applications, CNT cables are available with PE or FR-PVC (CMR/CATVR fire rated) outer jackets for strong protection against abrasion and exposure damage. CNT is a low-cost alternative to less agile corrugated copper or RG type braided cables.

13 What about connectors and installation tools?

The CNT product line is compatible with existing connectors, hardware accessories, and standard connectorization tools and techniques.

14 Do all Andrew CNT Braided Cable connectors require soldering?

No. Besides standard soldering pin type connectors, Andrew provides high-performance 'CS8' non-solder contact 'crimp type' connectors, which have an IP 68 waterproof rating. No one else in the industry offers this.

15 How can I order cable and tower installation accessories that work with Andrew CNT Braided Cable?

Andrew works closely with distribution partners to provide sales, technical, and product support to help you stay one step ahead of your projects.

Andrew provides complete tower installation hardware and accessories, including:

- Cable entry boot
- Cable stripping tool
- Cable ties
- Crimping tool
- Entry ports and accessories
- Grounding kits
- Grounding kit jacket tool
- Hangers
- Hoisting grips
- Mounting hardware
- Weatherproofing kits
- Tie wraps

16 Does anyone else make a product similar to Andrew CNT Braided Cable?

Only Andrew provides superior value, high performance, comprehensive solutions, and a global manufacturing and logistics infrastructure that ensures competitive pricing, regardless of customer location.

17 Does Andrew manufacture CNT cable assemblies?

Yes. Andrew manufactures high quality CNT cable assemblies. Assemblies are readily available through our distribution channel network.

18 Where is Andrew CNT Braided Cable manufactured?

Andrew manufactures CNT braided cable at its Claremont facility in North Carolina (U.S.) and Suzhou facility in China.

19 What about product availability?

Andrew's global sales and distribution capabilities are unmatched in the industry. Through our extensive network, we can deliver CNT braided cables, connectors, and accessories worldwide.

20 How can I get started using Andrew CNT Braided Cable?

For more information on Andrew's exclusive CNT braided cables, visit www.commscope.com/andrew or contact your favorite Andrew distributor.



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