

# ANT-180-001-06

6 ft N Male to N Male Coax Cable (195 size)



## Applications

- 4G/LTE & 5G Antennas
- Cellular Modems, Routers & Amplifiers
- HAM Radio Equipment
- Lightning Arresters



## Product Features

- N Male Connectors
- 50 Ohm Solid Copper Core
- Gold Plated Signal Pins
- PE Outer Jacket - 0.195 inch Diameter
- Heat Shrink Tubing on Connectors
- Low Signal Loss at High Frequencies

## Ordering Information

Part No.	Description
ANT-180-001-06	Proxicast 6 ft Low-Loss CFD195 Coax Extension Cable (50 Ohm) - N Male to N Male

## General Description

Proxicast's ANT-180-001-06 N Male coax cable is the perfect solution for extending 3G/4G/LTE, 5G, GPS, ADS-B or other antennas with N Female connectors up to 6 ft from their radio source. It can also be used to connect to inline lightning arresters, amplifiers or other equipment with N-Female connectors.

All of Proxicast's coax extension cable assemblies are constructed with top quality extremely low-loss cable and gold plated connectors. Each cable assembly is fully tested.

CFD195 coax is the same diameter as RG58 but has far superior performance characteristics, matching or exceeding LMR195 cable.

The cable's tough polyethylene jacket withstands abrasions and provides excellent moisture resistance. This cable assembly can be used indoors or outdoors.

All outdoor coax connections must be weather-proofed to prevent damage caused by moisture entering the connectors. Use our Pro-Grade Self-Bonding Silicone Tape ([ANT-900-002](#)) for fast & easy connection sealing.

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## Specifications

Parameter	Rating
Connector 1	N Male (Inline Plug)
Connector 2	N Male (Inline Plug)
Cable Length	6 ft (1.83m)
Coax Type	Low-loss CFD195-E <sup>1</sup> (0.195 inch / 5 mm diameter) Meets or exceeds specifications of LMR195 <sup>2</sup> Not rated for direct burial or plenum applications
Jacket Material	Polyethylene (PE)
Color	Black
Impedance	50 Ohm
Capacitance	24.3 pF/ft
Velocity of Propagation	80%
VSWR	Max 1.3 @ 30 – 2500 MHz
Minimum Bend Radius	0.5 inch (12.7 mm)
Operating Temperature	-40°F to +185°F (-40°C to +85°C)

## Signal Attenuation Including Connectors

Frequency (MHz)	Loss (dB)
700	0.7
900	0.8
1700	1.1
1900	1.2
2400	1.3
2700	1.4
5000	2.0
5800	2.1

Operation outside the parameter ranges given above may cause permanent damage.

<sup>1</sup>CFD is a trademark of Raison Enterprise Co. Ltd. (Commate) Taiwan

<sup>2</sup>LMR is a trademark of Times Microwave Corporation USA

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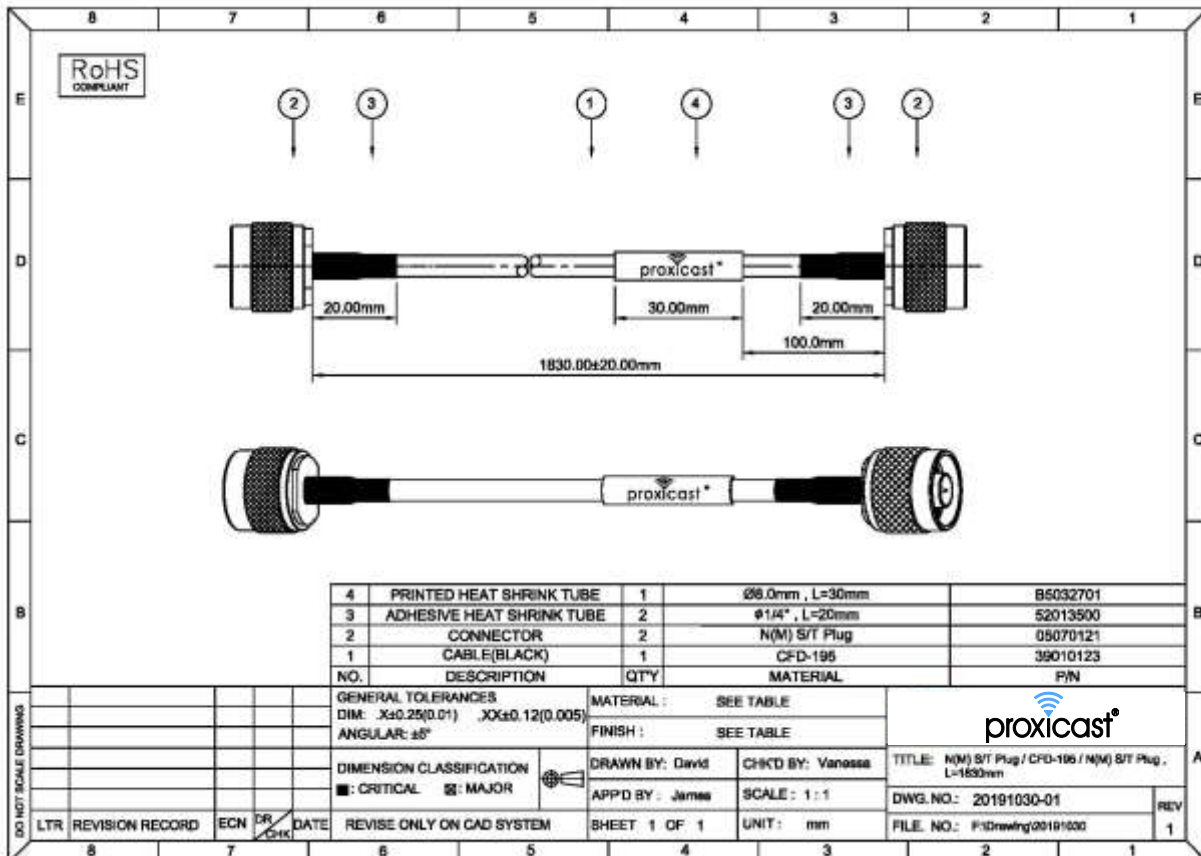
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## Mechanical Dimensions

### CFD400 Coaxial Cable

#### Structure Figure



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## Additional Product Images



**N Male**



**N Male**



Look for the Logo Band  
on Genuine Proxicast  
Cable Assemblies



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### Installation Instructions

- Observe minimum bend radius during installation and handling
- Do not cut or splice
- Minimize the number of connectors and total length of the cable run
- Fully tighten coax connectors to antenna connectors
- Weather seal outdoor coax connections
- Install in-line lightning protection if required by local building, fire, insurance or safety codes
- Not rated for direct burial or plenum applications

### Contact Information

For the latest specifications, additional product information, worldwide sales and information about Proxicast:

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Email: [sales@proxicast.com](mailto:sales@proxicast.com) 1-412-213-2477

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For technical questions and application information:

Email: [support@proxicast.com](mailto:support@proxicast.com)

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