# AC12



RF Antenna Cable (12' RG-58)

## Specifications

| | |
|---|---|
| Cable type | RG58U |
| Shield | Full copper braid |
| Impedance | 50 ohms |
| Nominal capacitance | 28.5 pF/ft |
| Insertion loss | 8.4 dB (per 100' @ 400 MHz) |
| Connectors | Molded-on BNC Female |
| Dielectric | Foam-polyethylene |
| Jacket | PVC |
| Nominal OD | 0.193" |

* Within specified bandwidth

In the interest of standards development, A.T.U.S. offers full details on its test methods to other industry professionals on request.

Specifications are subject to change without notice.

## Features

- **RG-58-type cable**
- **20 AWG solid center conductor**
- **Heavy-duty molded BNC connectors**
- **Ideal for inter-system wiring**

## Description

The AC12 is a 12' RG-58-type cable that connects remote antennas to a distribution amplifier or wireless receiver. The cables features BNC-type connectors.

## Architect's and Engineer's Specifications

The antenna cable shall consist of a pre-manufactured and tested 12' length of RG-58-type coaxial cable with molded heavy- duty BNC-type connectors at each end suitable for indoor and outdoor applications. It shall consist of a 20 AWG solid bare copper center conductor surrounded by foam-polyethylene insulation. The outer shield shall consist of a full copper braid with an outer jacket of flexible PVC—Polyvinyl Chloride material with a nominal OD of .193". The cable shall have an impedance of 50 ohms and a nominal capacitance of 28.5 pF/ft. Insertion loss per 100 ft at 400 MHz shall not exceed 8.4 dB. At each end of the cable shall be fitted a standard BNC-type locking connector. The connectors shall be integrally molded onto the cable and incorporate a built-in strain relief.

The Audio-Technica AC12 is specified.

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