75 Ohm SMC Plug to 75 Ohm BNC Male Cable 36 Inch Length Usin
g 75 Ohm ET38345 White Coax

# RF Cable Assemblies Technical Data Sheet ET31264

## Configuration

- Connector 1: SMC Plug
- Connector 2: BNC Male
- Cable Type: MINI 59

## Features

- 83% Phase Velocity
- Double Shielded
- PVC Jacket

## Applications

- General Purpose
- Laboratory Use

### Description

Ebeestock's ET31264 75 ohm SMC plug to 75 ohm BNC male 36 inch cable using 75 ohm ET-B159-WH coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock SMC to BNC cable assembly has a plug to male gender configuration with 75 ohm flexible MINI 59 coax. The double shielding of this Ebeestock cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Velocity of Propagation | | 83 | | % |
| Capacitance | | 16.5 [54.13] | | pF/ft [pF/m] |

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length* | 36 in [914.4 mm] |
| Diameter | 0.57 in [14.48 mm] |
| Weight | 0.0837 lbs [37.97 g] |

**Cable**

| | |
|---|---|
| Cable Type | MINI 59 |
| Impedance | 75 Ohms |
| Inner Conductor Type | Solid |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 75 Ohm SMC Plug to 75 Ohm BNC Male Cable 36 Inch Length Using 75 Ohm ET-B159-WH White Coax ET31264

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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| | |
|---|---|
| Inner Conductor Material and Plating | Copper |
| Dielectric Type | PE (F) |
| Number of Shields | 2 |
| Shield Layer 1 | Aluminum Tape |
| Shield Layer 2 | Tinned Copper Braid |
| Jacket Material | PVC, White |
| Jacket Diameter | 0.159 in [4.04 mm] |
| One Time Minimum Bend Radius | 1.5 in [38.1 mm] |

**Connectors**

| Description | Connector 1 | Connector 2 |
|---|---|---|
| Type | SMC Plug | BNC Male |
| Impedance | 75 Ohms | 75 Ohms |
| Contact Material and Plating | Gold | Brass, Gold |
| Dielectric Type | PTFE | Teflon |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Coupling Nut Material and Plating | Brass, Nickel | Brass, Nickel |
| Hex Size | 3/8 in | |
| Torque | 5 in-lbs [0.57 Nm] | |

## Compliance Certifications (see product page for current document)

## Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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# RF Cable Assemblies Technical Data Sheet ET31264

## How to Order

Part Number Configuration: **ET39260/WH - xx uu**

- **ET39260/WH** — Base Number
- **xx** — Length
- **uu** — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches

Example: ET39260/WH-12 = 12 inches long cable
ET39260/WH-100cm = 100 cm long cable

75 Ohm SMC Plug to 75 Ohm BNC Male Cable 36 Inch Length Using 75 Ohm ET-B159-WH White Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 75 Ohm SMC Plug to 75 Ohm BNC Male Cable 36 Inch Length Using 75 Ohm ET-B159-WH White Coax ET31264

**URL:** https://www.ebeestock.com/75-ohm-smc-plug-to-75-ohm-bnc-male-cable-12-inch-length-using-75-ohm-pe-b159-wh-white-coax-0031262

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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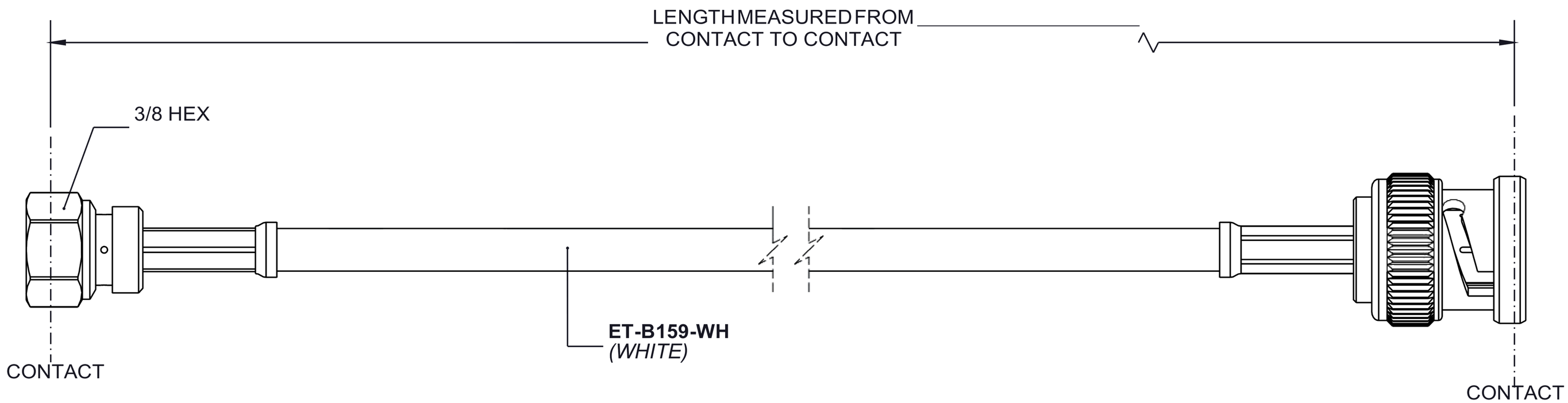
| REVISIONS | | | |
|---|---|---|---|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 6/19/2020 | S.ELLIS |




**75 Ohm**
**SMC PLUG**

**75 Ohm**
**BNC MALE**

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

| | | |
|---|---|---|
| .X = ±.2 | [5.08] | FRACTIONS |
| .XX = ± .02 | [.51 ] | ± 1/32 |
| .XXX = ±.005 | [ .13 ] | ANGLES ± 1° |

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

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**Ebeestock.com**
8th Floor, Building 1, Yongfu Science
and Technology Center Industrial Park,
Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.
**Webstie:** www.ebeestock.com **Email:** sales@ebeestock.com

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

| SIZE | CAGE CODE | DRAWN BY | ITEM NO. | REV |
|---|---|---|---|---|
| A | 53919 | K.DANG | ET39260/WH | A |

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