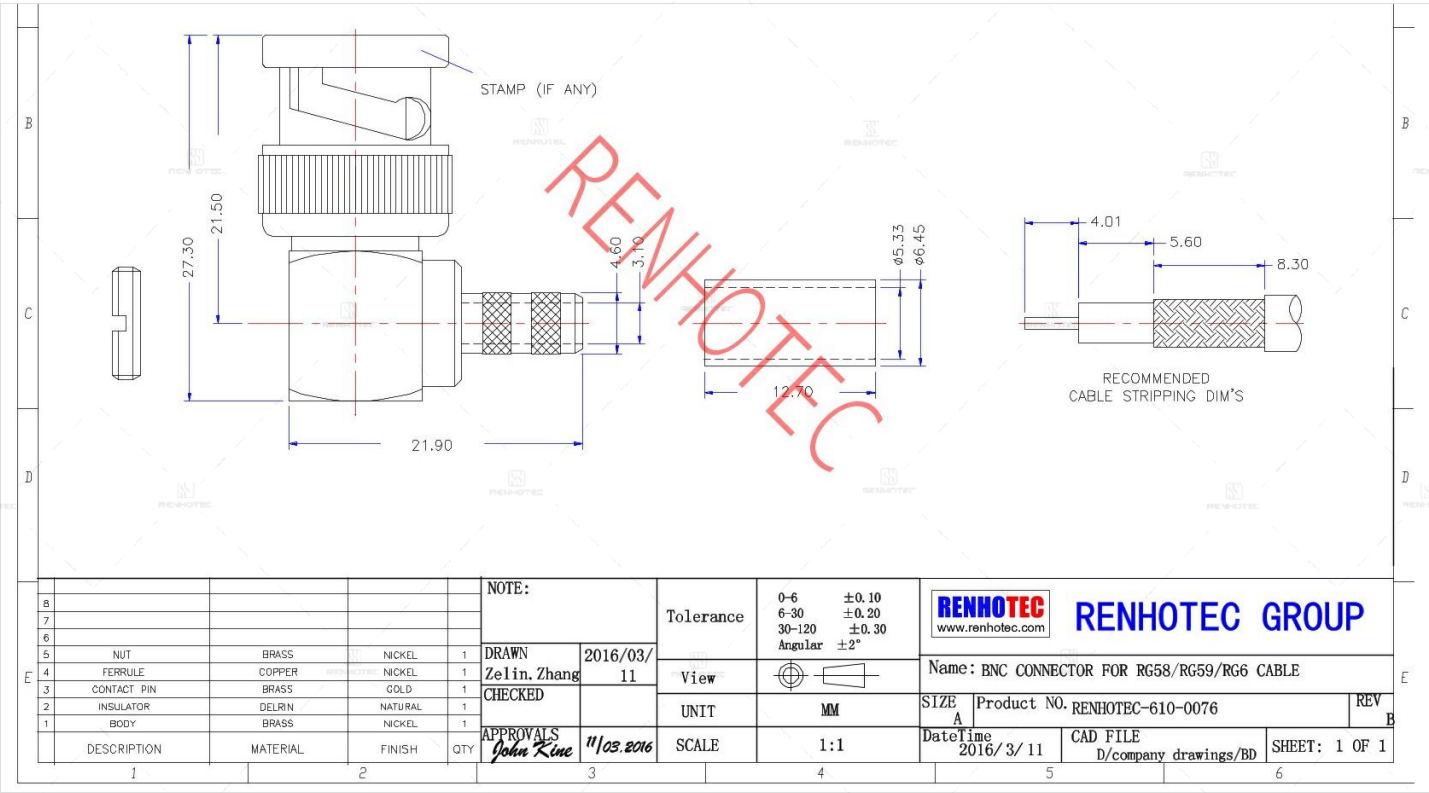
BNC Connector Right Angle Male Cable Type RG316 50 Ohm - RHT-610-0076

Drawing



	DESCRIPTION	MATERIAL	FINISH	QTY
5	NUT	BRASS	NICKEL	1
4	FERRULE	COPPER	NICKEL	1
3	CONTACT PIN	BRASS	GOLD	1
2	INSULATOR	DELRIN	NATURAL	1
1	BODY	BRASS	NICKEL	1

NOTE:

DRAWN Zelin. Zhang 2016/03/11
CHECKED
APPROVALS John Rine 11/03.2016

Tolerance: 0-6 ±0.10; 6-30 ±0.20; 30-120 ±0.30; Angular ±2°
View
UNIT: MM
SCALE: 1:1

RENHOTEC www.renhotec.com RENHOTEC GROUP
Name: BNC CONNECTOR FOR RG58/RG59/RG6 CABLE
SIZE A | Product NO. RENHOTEC-610-0076 | REV B
DateTime 2016/3/11 | CAD FILE D/company drawings/BD | SHEET: 1 OF 1

Basic Information

Connector Type	Plug
Contact Type	Male Pin
Fastening Type	Bayonet
Mounting Type	Cable Mount
Number of Ports	1
Orientation	Right Angle
RF Series	BNC Type
Shield Termination	Crimp

Electrical Specification

Dielectric Withstanding Voltage	1500 V rms
Frequency Range	0-4 GHz for 50 ohm
Impedance	50 ohm

Environmental Specification

Temperature Range	POM -40℃~+60℃, Teflon -55℃~+155℃

Mechanical Specification

Mating Durability	≥ 500 Cycles

Material and Finish

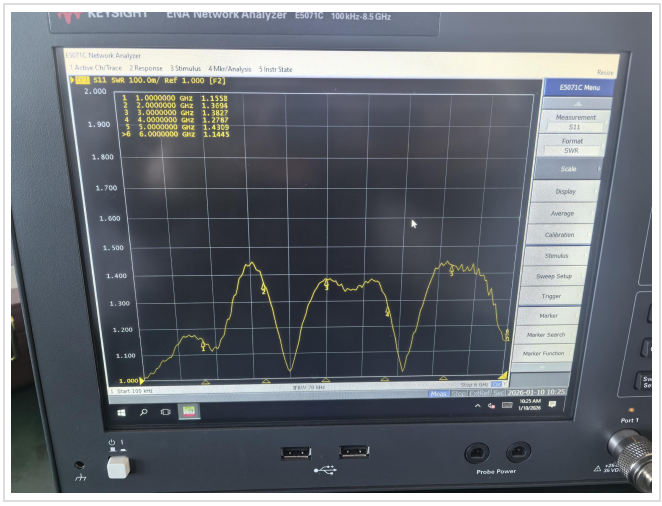
Component Description	Material	Finish
ShelL	Copper Alloy	Nickel Plated
Insulator	Teflon White	
Center Contact	Copper Alloy	Gold Plated

Impedance Testing

Impedance	50 ohm

Frequency & VSWR Test Report

Frequency Range	0-4 GHz for 50 ohm
VSWR	R/A type ≤ 1.30/3GHz, Straight type ≤ 1.22/3GHz



Contact Resistance Test

Contact Type	Male Pin
Center Contact Resistance	≦ 1.5 MΩ (Milliohms Max.)
Outer Contact Resistance	≦ 2.0 MΩ (Milliohms Max.)
Contact Termination Style	Solder

Working Voltage & Insulation Resistance Test

Working Voltage	500 V rms
Insulation Resistance	≥5 × 10^3MΩ (Megohms MIN.)

Version History

REV	Date	Revise Contents	Drafter	Approver
A.0	2026.3.23	The initial formulation	Marcella	Joson

Disclaimer

The information in this specification is subject to change without notice. Please confirm the latest version before use. Technical parameters are for reference only, and sufficient testing and verification should be conducted in actual applications.