



75 Ω DIE CAST BNC JACKS & PLUGS

Mates with:
RF179, RFA6T,
RFB6T, GRF7H-C

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?BNC7T-TH, www.samtec.com?BNC7T-BH, www.samtec.com?BNC7T-BM or www.samtec.com?BNC7T-EM

Shell Material: Zinc
Contact Material: Copper Alloy
Insulator Material: PTFE
Impedance:
ST = 75 Ω ±2 Ω
RA = 75 Ω ±4 Ω
Frequency Range: 0–12 GHz
Working Voltage: 500 Vrms
Dielectric Withstanding: 1500 Vrms min
Operating Temperature: -65 °C to +125 °C
RoHS Compliant: Yes
Lead-Free Solderable: Yes

TOOL

Tool for quickly installing/uninstalling knurl nut for BNC7T Series
Part Number:
TOOL-BNC7T-01

Notes:
12G-SDI available for PCB mounts only.

Contact RFTechnicalGroup@samtec.com for 12G-SDI PCB mount launch characteristics.

Designed to meet SMPTE 2082 12G-SDI specifications.

BNC7T	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-J = Jack	-P = PCB Mount	-GN = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm) Nickel shell	-ST = Straight -RA = Right-angle Bulkhead/ Panel Mount	-TH2D = Tall Through-hole Die Cast -BH2D* = Die Cast Bulkhead Through-hole (-RA only) -BM1D* = Low Profile Mixed Technology Die Cast Bulkhead for (1.60 mm) .062" PCB (-RA only) -EM1D* = Edge Mount Die Cast Bulkhead/Panel Mount for (1.60 mm) .062" PCB (-ST only) -EM2D* = Edge Mount Die Cast Bulkhead/Panel Mount for (2.40 mm) .093" PCB (-ST only)
					* Lock washers & knurled nuts supplied with Bulkhead/Panel Mount options

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?BNC7T-CA

Shell Material: Zinc
Contact Material: Brass
Center Contact: Soldered
Outer Ferrule: Crimped
Impedance: 75 Ω
Working Voltage: 500 Vrms
Dielectric Withstanding: 1500 Vrms min
Operating Temperature: -65 °C to +125 °C

BNC7T	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug	-C = Cable	-GN = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm) Nickel shell	-ST = Straight	-CA3D = RG 179 Cable Die Cast -CA6D = RG 6 or Belden 1694A Cable Die Cast

Supplied with pins, ferrules, washers, nuts and gaskets. See website for dimensions.

WWW.SAMTEC.COM

Due to technical progress, all designs, specifications and components are subject to change without notice.

All parts within this catalog are built to Samtec's specifications. Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.