

# 75 Ω BNC TO 12 GHz

## BNC Cable Assemblies

RFC6T, RFA6T, RFB6T, RF179



SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
<b>RFC6T*</b> = 12G-SDI, Belden 4694R Cable	<b>-74SP3</b> = 75 Ω BNC Straight Plug		<b>-“XXXX”</b> = Overall Length in millimeters  -0300 (300 mm) 11.81" minimum (RFA6T, RFB6T, RFC6T)  -0100 (100 mm) 3.94" minimum (RF179)
<b>RFA6T</b> = RG 6 Cable	<b>-D4SP3</b> = 75 Ω BNC Die Cut Straight Plug		
<b>RFB6T</b> = Belden 1694A Cable	<b>-74BJ3</b> = 75 Ω BNC Bulkhead Jack (RF179 only)		
<b>RF179</b> = RG 179 Cable	<b>-74RP3</b> = 75 Ω BNC Right-angle Plug (RFA6T, RFB6T, RFC6T only)		

### ALSO AVAILABLE

75 Ω: DIN 1.0/2.3, HD-BNC™ = RFA6T, RFB6T, RFC6T  
75 Ω: DIN 1.0/2.3, SMB, MCX, MMCX = RF179

\*Designed to meet SMPTE 2082 12G-SDI specifications.

## BNC Cable Connectors

BNC7T-CA



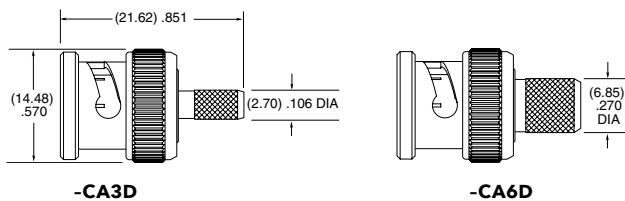
Supplied with pins, washers, nuts, gaskets and ferrules. See website for dimensions.

CONNECTORS FOR INDUSTRY STANDARD CABLES	
BNC7T-P-C-GN-ST-CA3	Machined, RG 179 Cable
BNC7T-P-C-GN-RA-CA3	Machined, RG 179 Cable
BNC7T-P-C-GN-ST-CA6	*Machined, RG 6, Belden 1694A or Belden 4694R Cable
BNC7T-P-C-GN-RA-CA6	*Machined, RG 6, Belden 1694A or Belden 4694R Cable
BNC7T-J-C-GN-ST-BH3	Machined, Bulkhead, RG 179 Cable
BNC7T-P-C-GN-ST-CA3D	Die Cast, RG 179 Cable
BNC7T-P-C-GN-ST-CA6D	Die Cast, RG 179 Cable

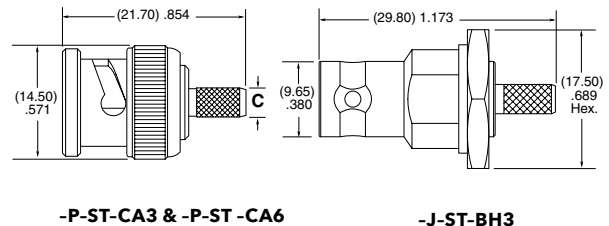
P-C = Cable Plug  
J-C = Cable Jack  
GN = Plating (10 μ" Gold on contact, Nickel on outer contact and shell)  
ST = Straight  
RA = Right-angle

\*Designed to meet SMPTE 2082 12G-SDI specifications.

### DIE CAST



### MACHINED



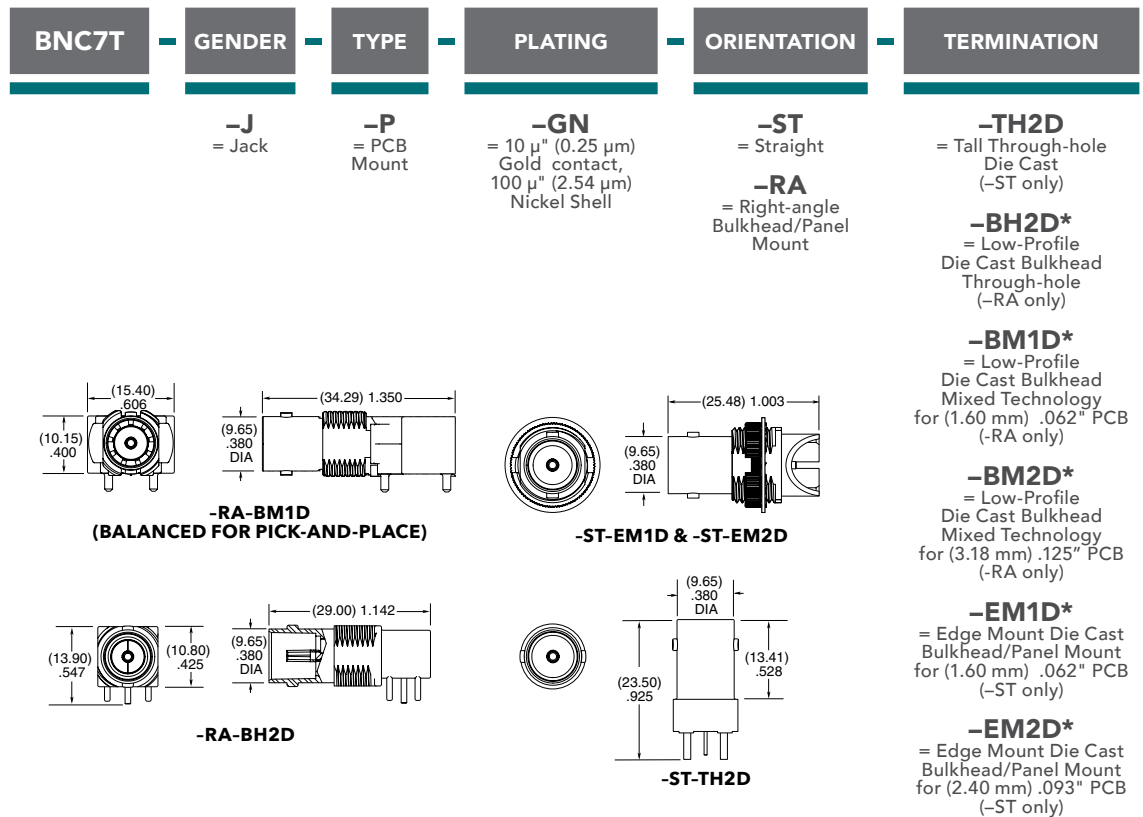
TERMINATION	C (DIA)
-CA3	(2.70) .106
-CA6	(6.85) .207

**Note:**  
Additional plating options available on Cable Assemblies, Cable Connectors and Board Connectors. Contact RFGGroup@samtec.com

## 75 Ω DIE CAST BNC TO 12 GHz

**BNC Board Connectors**  
BNC7T-TH, BNC7T-BH,  
BNC7T-BM, BNC7T-EM

**Cable Mates:**  
RF179, RFA6T, RFB6T,  
RFC6T, GRF7H-C



**Notes:**  
Contact RFGroup@samtec.com for 12G-SDI PCB mount launch characteristics.

Designed to meet SMPTE 2082 12G-SDI specifications.

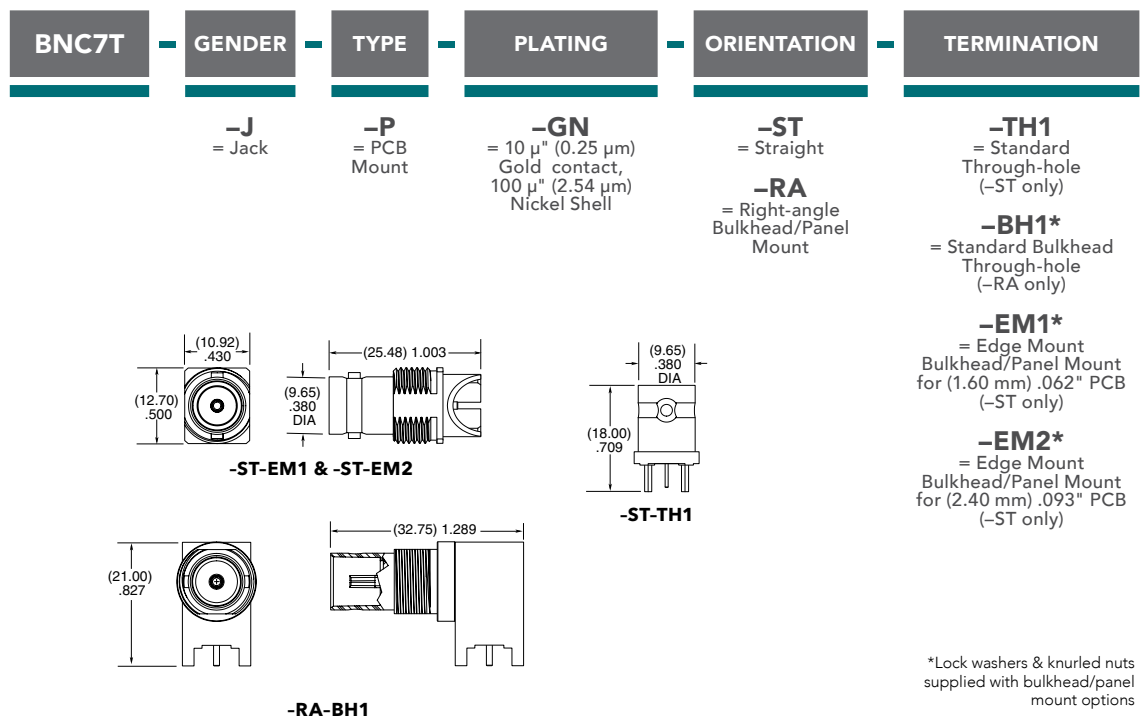
Additional plating options available on Board Connectors. Contact RFGroup@samtec.com

\*Lock washers & knurled nuts supplied with bulkhead/panel mount options

## 75 Ω MACHINED BNC TO 12 GHz

**BNC Board Connectors**  
BNC7T-TH, BNC7T-BH,  
BNC7T-EM

**Cable Mates:**  
RF179, RFA6T, RFB6T,  
RFC6T, GRF7H-C



**Notes:**  
Contact RFGroup@samtec.com for 12G-SDI PCB mount launch characteristics.

Designed to meet SMPTE 2082 12G-SDI specifications.

Additional plating options available on Board Connectors. Contact RFGroup@samtec.com

\*Lock washers & knurled nuts supplied with bulkhead/panel mount options

# Mouser Electronics

Authorized Distributor

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## Samtec:

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