



## 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 Cast Straight Plug (RFA6T, RFB6T, RF179 only)		
<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

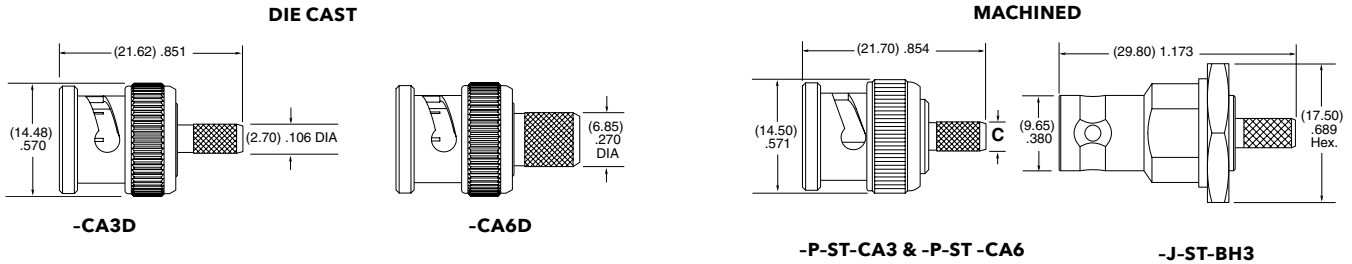


Supplied with pins, washers, nuts, gaskets and ferrules. See website for dimensions.

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 Cable
BNC7T-P-C-GN-RA-CA6	*Machined, RG 6 Cable
BNC7T-P-C-GN-ST-CA6B	Belden 4694R Cable
BNC7T-P-C-GN-RA-CA6B	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.



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 RFGroup@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

BNC7T	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	<b>-J</b> = Jack	<b>-P</b> = PCB Mount	<b>-GN</b> = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm) Nickel Shell	<b>-ST</b> = Straight  <b>-RA</b> = Right-angle Bulkhead/Panel Mount	<b>-TH2D</b> = Tall Through-hole Die Cast (-ST only)  <b>-BH2D*</b> = Low-Profile Die Cast Bulkhead Through-hole (-RA only)  <b>-BM1D*</b> = Low-Profile Die Cast Bulkhead Mixed Technology for (1.60 mm) .062" PCB (-RA only)  <b>-BM2D*</b> = Low-Profile Die Cast Bulkhead Mixed Technology for (3.18 mm) .125" PCB (-RA only)  <b>-EM1D*</b> = Edge Mount Die Cast Bulkhead/Panel Mount for (1.60 mm) .062" PCB (-ST only)  <b>-EM2D*</b> = Edge Mount Die Cast Bulkhead/Panel Mount for (2.40 mm) .093" PCB (-ST only)
<b>-RA-BM1D</b> (BALANCED FOR PICK-AND-PLACE)				<b>-ST-EM1D &amp; -ST-EM2D</b>	
<b>-RA-BH2D</b>				<b>-ST-TH2D</b>	

\*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

BNC7T	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	<b>-J</b> = Jack	<b>-P</b> = PCB Mount	<b>-GN</b> = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm) Nickel Shell	<b>-ST</b> = Straight  <b>-RA</b> = Right-angle Bulkhead/Panel Mount	<b>-TH1</b> = Standard Through-hole (-ST only)  <b>-BH1*</b> = Standard Bulkhead Through-hole (-RA only)  <b>-EM1*</b> = Edge Mount Bulkhead/Panel Mount for (1.60 mm) .062" PCB (-ST only)  <b>-EM2*</b> = Edge Mount Bulkhead/Panel Mount for (2.40 mm) .093" PCB (-ST only)
				<b>-ST-EM1 &amp; -ST-EM2</b>	
				<b>-ST-TH1</b>	
				<b>-RA-BH1</b>	

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