

**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
<b>RFA6T</b> = RG 6 Cable	<b>-D4SP3</b> = 75 Ω BNC Die Cast Straight Plug		-0300 (300 mm) 11.81" minimum (RFA6T, RFB6T, RFC6T)
<b>RFB6T</b> = Belden 1694A Cable	<b>-74BJ3</b> = 75 Ω BNC Bulkhead Jack (RF179 only)		-0100 (100 mm) 3.94" minimum (RF179)
<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



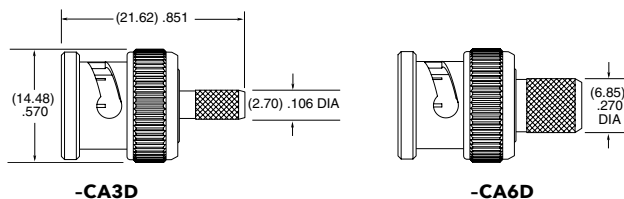
Supplied with pins, washers, nuts, gaskets and ferrules.

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

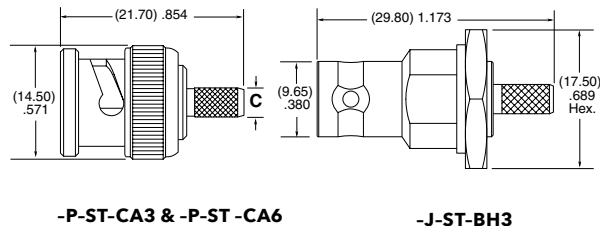
P-C = Cable Plug  
J-C = Cable Jack  
GN = Plating (10 μ" Gold on contact, Nickel on outer contact and shell)  
ST = Straight  
RA = Right-angle

\*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.

## 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



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 (-ST only)  -BH2D* = Low-Profile Die Cast Bulkhead Through-hole (-RA only)  -BM1D* = Low-Profile Die Cast Bulkhead Mixed Technology for (1.60 mm) .062" PCB (-RA only)  -BM2D* = Low-Profile Die Cast Bulkhead Mixed Technology for (3.18 mm) .125" 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)
<p><b>-RA-BM1D (BALANCED FOR PICK-AND-PLACE)</b></p>					
<p><b>-ST-EM1D &amp; -ST-EM2D</b></p>					
<p><b>-RA-BH2D</b></p>					
<p><b>-ST-TH2D</b></p>					

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

Additional plating options  
available on Board Connectors.

\*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



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	-TH1 = Standard Through-hole (-ST only)  -BH1* = Standard Bulkhead Through-hole (-RA only)  -EM1* = Edge Mount Bulkhead/Panel Mount for (1.60 mm) .062" PCB (-ST only)  -EM2* = Edge Mount Bulkhead/Panel Mount for (2.40 mm) .093" PCB (-ST only)
<p><b>-ST-EM1 &amp; -ST-EM2</b></p>					
<p><b>-ST-TH1</b></p>					
<p><b>-RA-BH1</b></p>					

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

Additional plating options  
available on Board Connectors.

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