

**75 Ω DIN 1.0/2.3 TO 12 GHz**
**DIN  
Cable Assemblies**  
 RFA6T, RFB6T, RF179,  
 RFB8T, RFC6T, RFC8T

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

**DIN  
Board Connectors**  
 DIN7A-TH, DIN7A-BH

**Cable Mates:**  
 RFA6T, RFB6T, RF179, RFB8T,  
 RFC6T, RFC8T, 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 Cable Assemblies, Cable  
 Connectors and Board Connectors.  
 Contact RFGroup@samtec.com

SERIES	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
<b>RFC6T*</b> = 12G-SDI, Belden 4694R Cable	<b>-78SP4</b> = 75 Ω DIN Straight Plug		<b>—"XXXX"</b> = Overall length in millimeters
<b>RFC8T*</b> = 12G-SDI, Belden 4855R Cable			-0100 (100 mm) 3.94" minimum (RF179)
<b>RFA6T</b> = RG 6 Cable			-0300 (300 mm) 11.81" minimum (RFA6T, RFB6T, RFB8T, RFC6T, RFC8T)
<b>RFB6T</b> = Belden 1694A Cable			
<b>RF179</b> = RG 179 Cable			
<b>RFB8T</b> = Belden 1855A Cable			

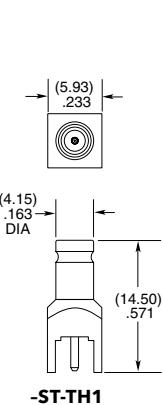
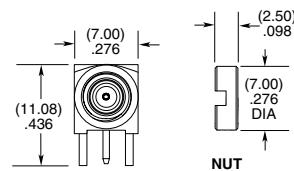
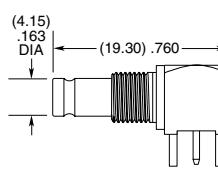
**ALSO AVAILABLE**

75 Ω: HDBNC, BNC = RFB6T, RFA6T, RFC6T

75 Ω: BNC, SMB, MCX, MMCX = RF179

75 Ω: HDBNC = RFB8T, RFC8T

DIN7A	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	PACKAGING
	<b>-J</b> = Jack		<b>-P</b> = PCB Mount			
				<b>-GF</b> = 10 μ" (0.25 μm) Gold center contact, 3 μ" (0.08 μm) Gold outer contact, (100 μ" (2.54 μm) Nickel body -RA only	<b>-ST</b> = Straight (-TH1 only)	<b>-TH1</b> = Through-hole (-ST only)
					<b>-RA</b> = Right-angle (-BH1 only)	<b>-BH1</b> = Bulkhead Through-hole (-RA only)
						Leave blank for individually bagged.
						<b>-B</b> = Bulk packaged (-BH1 only)


**-ST-TH1**

**NUT**

**-RA-BH1**
**DIN  
Cable Connectors**  
 DIN7A-CA


CONNECTORS FOR INDUSTRY STANDARD CABLES	
DIN7A-PP-C-GF-ST-CA3	RG 179
DIN7A-PP-C-GF-ST-CA6	*RG 6, Belden 1694A or Belden 4694R Cable
DIN7A-PP-C-GF-ST-CA8	*Belden 1855A or Belden 4855R Cable

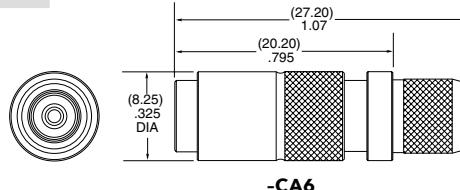
Add "-B" to the end of the part number for bulk packaging (100 max.)

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

PP-C = Push Pull Plug Cable

 GF = Plating (10 μ" Gold on center contact,  
Flash Gold on outer contact, Nickel on Shell)

ST = Straight

 Supplied with pins and ferrules.  
 See website for dimensions

**-CA6**

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec](#):

[DIN7A-J-P-GF-ST-TH1](#) [DIN7A-PP-C-GF-ST-CA3](#)