

# 75 Ω DIN 1.0/2.3 TO 12 GHz

12GSDI

## DIN Cable Assemblies

RFA6T, RFB6T, RF179, RFB8T, RFC6T, RFC8T



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

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

## DIN Cable Connectors

DIN7A-CA



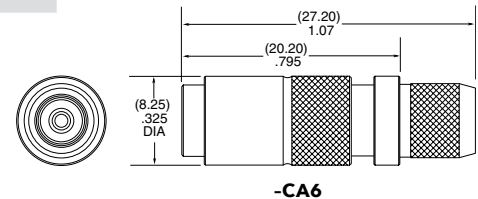
CONNECTORS FOR INDUSTRY STANDARD CABLES	
DIN7A-PP-C-GF-ST-CA3	RG 179
DIN7A-PP-C-GF-ST-CA6	*RG 6, Belden 1694A or Belden 4694R Cable
DIN7A-PP-C-GF-ST-CA8	*Belden 1855A or Belden 4855R Cable

\*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



-CA6

Supplied with pins and ferrules.  
See website for dimensions

## 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

DIN7A	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	<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>-RA</b> = Right-angle (-BH1 only)	<b>-TH1</b> = Through-hole (-ST only)  <b>-BH1</b> = Bulkhead Through-hole (-RA only)
					<p><b>-ST-TH1</b></p> <p><b>NUT</b></p> <p><b>-RA-BH1</b></p>

# Mouser Electronics

Authorized Distributor

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Samtec:

[DIN7A-J-P-GF-RA-BH1](#) [DIN7A-J-P-GF-ST-TH1](#) [DIN7A-PP-C-GF-ST-CA3](#) [DIN7A-PP-C-GF-ST-CA8](#) [DIN7A-PP-C-GF-ST-CA6](#)