75 Ω DIN 1.0/2.3 TO 12 GHz

12G SDI

DIN Cable Assemblies

RFA6T, RFB6T, RF179, RFB8T, RFC6T, RFC8T



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

ALSO AVAILABLE

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

75 Ω: BNC, SMB, MCX, MMCX = RF179

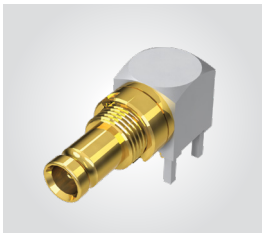
75 Ω: HDBNC = RFB8T, RFC8T

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

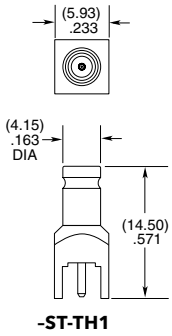
DIN Board Connectors

DIN7A-TH, DIN7A-BH

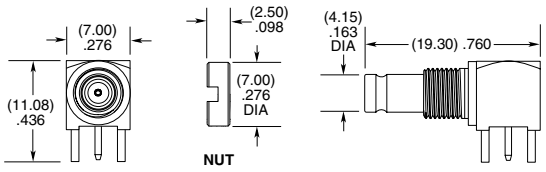
Cable Mates:
RFA6T, RFB6T, RF179, RFB8T, RFC6T, RFC8T, GRF7H-C



DIN7A	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION	PACKAGING
	–J = Jack	**–P** = PCB Mount	**–GF** = 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)	**–ST** = Straight (–TH1 only) **–RA** = Right-angle (–BH1 only)	**–TH1** = Through-hole (–ST only) **–BH1** = Bulkhead Through-hole (–RA only)	Leave blank for individually bagged. **–B** = Bulk packaged (–BH1 only)



-ST-TH1



-RA-BH1

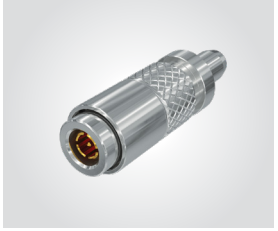
Notes:
Contact RFGroup@samtec.com for 12G-SDI PCB mount launch characteristics.

Designed to meet SMPTE 2082 12G-SDI specifications.

Additional plating options available on Cable Assemblies, Cable Connectors and Board Connectors. Contact RFGroup@samtec.com

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

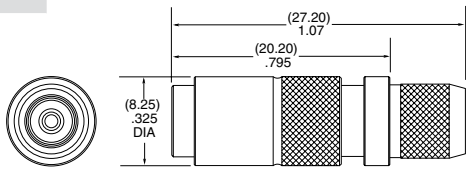
Add "-B" to the end of the part number for bulk packaging (100 max.)

*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



-CA6

Supplied with pins and ferrules.
See website for dimensions

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.