

75 Ω BNC TO 12 GHz

BNC Cable Assemblies RFC6T, RFA6T, RFB6T, RF179



SERIES

RFC6T*

= 12G-SDI, Belden 4694R Cable

RFA6T

= RG 6 Cable **RFB6T** = Belden 1694A Cable

RF179

= RG 179 Cable

END 1 CONNECTOR

END 2 CONNECTOR

OVERALL LENGTH

-74SP3

= 75Ω BNC Straight Plug

-D4SP3

= 75 Ω BNC Die Cut Straight Plug

-74BJ3

= 75 Ω BNC Bulkhead Jack (RF179 only)

-74RP3

= 75 Ω BNC Right-angle Plug (RFA6T, RFB6T, RFC6T only)

-"XXXX"

= Overall Length in millimeters

-0300 (300 mm) 11.81" minimum (RFA6T, RFB6T, RFC6T)

-0100 (100 mm) 3.94" minimum (RF179)

ALSO AVAILABLE

75 Ω: DIN 1.0/2.3, HD-BNCTM = 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



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, 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

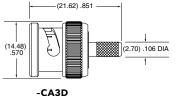
J-C = Cable Jack

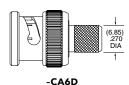
GN = Plating (10 μ^{\shortparallel} Gold on contact, Nickel on outer contact and shell) ST = Straight

RA = Right-angle

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

DIE CAST





(21.70) .854 (29.80) 1.173 С

MACHINED

-P-ST-CA3 & -P-ST -CA6

-J-ST-BH3

(17 50)

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



BNC7T-TH, BNC7T-BH, BNC7T-BM, BNC7T-EM

Cable Mates:

RFC6T, GRF7H-C







= Jack



-P

= PCB

Mount

PLATING

Nickel Shell

-GN = 10 μ" (0.25 μm) Gold contact, 100 μ" (2.54 μm)

-ST = Straight

-RA = Right-angle Bulkhead/Panel Mount

(25.48) 1.003

ORIENTATION

TERMINATION

-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)

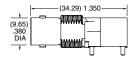
*Lock washers & knurled nuts supplied with bulkhead/panel mount options

RF179, RFA6T, RFB6T,

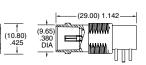




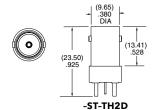
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-RA-BM1D (BALANCED FOR PICK-AND-PLACE)



-RA-BH2D



(9.65) .380 DIA

-ST-EM1D & -ST-EM2D

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

75 Ω MACHINED BNC TO 12 GHz

BNC Board Connectors BNC7T-TH, BNC7T-BH, **BNC7T-EM**

Cable Mates: RF179, RFA6T, RFB6T,



Notes:

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

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Additional plating options available on Board Connectors. Contact RFGroup@samtec.com



GENDER

= Jack

(10.92)

0

(9.65) .380

DIA

-ST-EM1 & -ST-EM2





-P

= PCB

Mount

(25.48) 1.003

-GN

PLATING

= 10 µ" (0.25 µm) Gold contact, 100 µ" (2.54 µm) Nickel Shell

ORIENTATION

101

-ST-TH1

(18.00)

-ST = Straight

-RA = Right-angle Bulkhead/Panel Mount

TERMINATION

_TH1 = Standard Through-hole (-ST only)

-BH1*

= Standard Bulkhead Through-hole (–RA only)

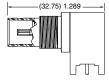
-EM1*

= 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)









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