### 75 Ω HIGH-DENSITY BNC TO 12 GHz



### **HIGH-DENSITY BNC Cable Assemblies**

RFA6T, RFB6T, RFB8T, RFC6T, RFC8T



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

### SERIES

RFC6T\* = 12G-SDI, Belden 4694R Cable

RFC8T\*

= 12G-SDI, Belden 4855R Cable

RFA6T

= RG 6 Cable

RFB6T

= Belden 1694A Cable

RFB8T

= Belden 1855A Cable

# CONNECTOR

CONNECTOR

**OVERALL** LENGTH

-"XXXX" = Overall Length in millimeters

-0300 (300 mm) 11.81" minimum

### **ALSO AVAILABLE**

-H4SP3

= 75 Ω High-Density BNC Straight Plug

75 Ω: DIN 1.0/2.3, BNC = RFB6T, RFA6T, RFC6T 75 Ω: DIN 1.0/2.3 = RFB8T, RFC8T

### **HIGH-DENSITY BNC Cable Connectors**

HDBNC-CA



Supplied with pins and ferrules. See website with dimensions.

Designed to meet SMPTE 2082 12G-SDI specifications.

### **CONNECTORS FOR INDUSTRY STANDARD CABLES**

RG 6, Belden 1694A or Belden 4694R Cable

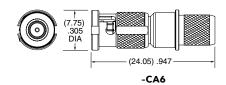
HDBNC-P-C-GN-ST-CA8

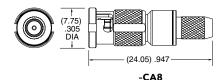
Belden 1855A or Belden 4855R Cable

P-C = Cable Plug

 $GN = Plating (10 \mu'' Gold on contact, Nickel on outer contact & shell)$ 

ST = Straight





### **HIGH-DENSITY BNC Board Connectors**

HDBNC-TH,

HDBNC-EM,

HDBNC-BH.

**HDBNC-BM** 

### **Cable Mates:** RFA6T, RFB6T, RFB8T, RFC6T, RFC8T



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

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



**GENDER** 





= PCB Mount

## **PLATING**

-GN 10 μ" (0.25 μm)

-ST = Straight

**ORIENTATION** 

### -RA = Right-angle

(6.50) .256 SQ

(12.25) .482

(17.50) .689

-BH2 = Through-hole (2.36 mm) .093" PCB (-RA only)

### -BM1D

**TERMINATION** 

-BH1

= Through-hole

= Die Cast Bulkhead Mixed Technology for (1.60 mm) .062" PCB (-RÁ only)

### -BM2D

= Die Cast Bulkhead Mixed Technology for (3.18 mm) .125" PCB (-RA only)

### -EM1

= Edge Mount (–ST only)

### -TH1

= Through-hole (-ST only), Three Legs

# **HDBNC**



= Jack

-RA-BH2

-RA-BM1D & -BM2D (BALANCED FOR PICK-AND-PLACE)

**(** 

(8.50)

0

(11.70)

(8.00)



(20.30) .799 —

# Gold contact, 100 µ" (2.54 µm) Nickel shell







