

RFA6T-74SP3-74SP3-0300

**RFA6T, RFB6T SERIES** 

# **75** $\Omega$ Optimized BNC CABLE Assembl

18 AWG 75 Ω

RG 6 coax cable.

or 1694A Belden cable

### **SPECIFICATIONS**

Mates with:

BNC7T, DIN7A, HDBNC

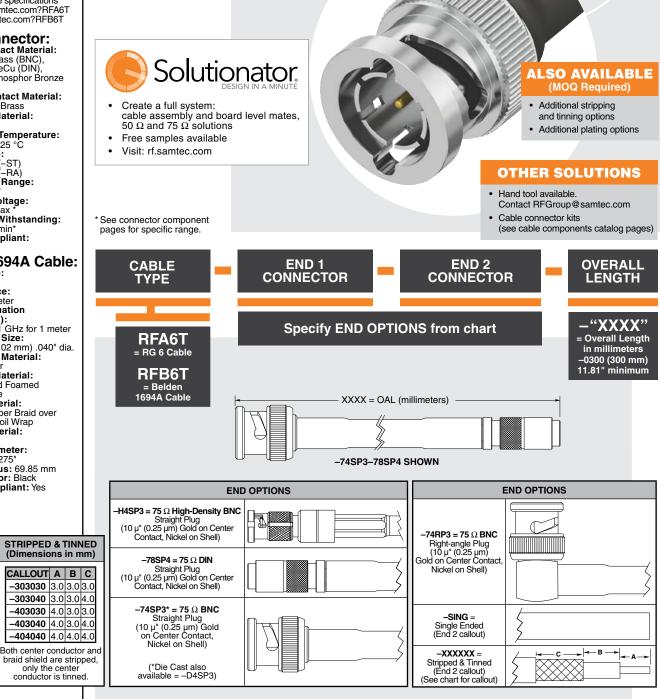
For complete specifications see www.samtec.com?RFA6T or www.samtec.com?RFB6T

#### **RF Connector:**

Outer Contact Material: Ni plated Brass (BNC), Au plated BeCu (DIN), Au plated Phosphor Bronze (HDBNC) Center Contact Material: Gold plated Brass Insulator Material: PTFE Operating Temperature: 65 °C to +125 °C Impedance: 75  $\Omega \pm 3 \Omega$  (-ST) 75  $\Omega \pm 4 \Omega$  (-RA) Frequency Range: 0~3.5 GHz Working Voltage: 500 Vrms max Dielectric Withstanding: 1500 Vrms min\* RoHS Compliant: Yes

#### RG 6/1694A Cable: Impedance:

75 Ω ±3 Ω Capacitance: 54 ±3 pF/meter Max Attenuation (cable only): 0.21 dB @ 1 GHz for 1 meter Conductor Size: 18 AWG, (1.02 mm) .040" dia. Conductor Material: Bare Copper Insulator Material: Gas Injected Foamed Polyethylene Shield Material: Tinned Copper Braid over Aluminum Foil Wrap Jacket Material: PVC Jacket Diameter: (7.00 mm) .275" Bend Radius: 69.85 mm Jacket Color: Black RoHS Compliant: Yes



Due to technical progress, all designs, specifications and components are subject to change without notice WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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