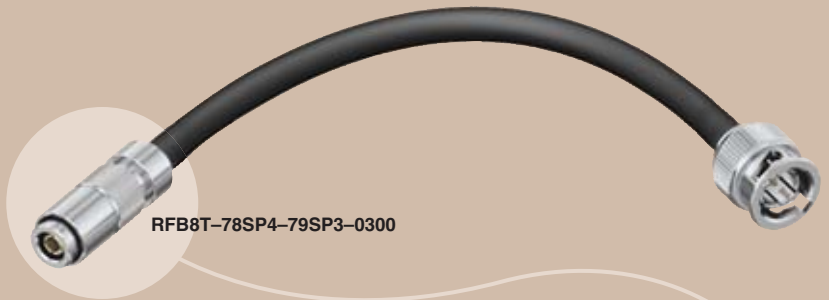




RFB8T SERIES



75Ω 1855A CABLE ASSEMBLIES

SPECIFICATIONS

For complete specifications see www.samtec.com?RFB8T

RF Connector:

- Outer Contact Material:**
Ni plated Brass (BNC)
Au plated BeCu (DIN)
- Center Contact Material:**
Au plated Brass
- Operating Temperature:**
-65°C to +125°C
- Impedance:**
75Ω ±2Ω (ST), 75Ω ±4Ω (RA)
- Frequency Range:**
0-3.5 GHz **
- Working Voltage:**
250 Vrms (DIN),
330 Vrms (BNC)
- Dielectric Withstanding:**
750 Vrms (DIN),
1000 Vrms (BNC)
- Contact Resistance:**
Center Contact: Testing Now!
Outer Contact: Testing Now!
- RoHS Compliant:**
Yes

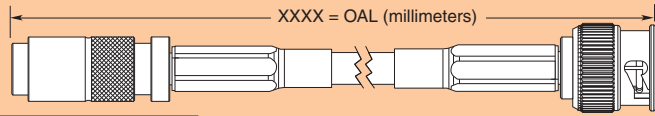
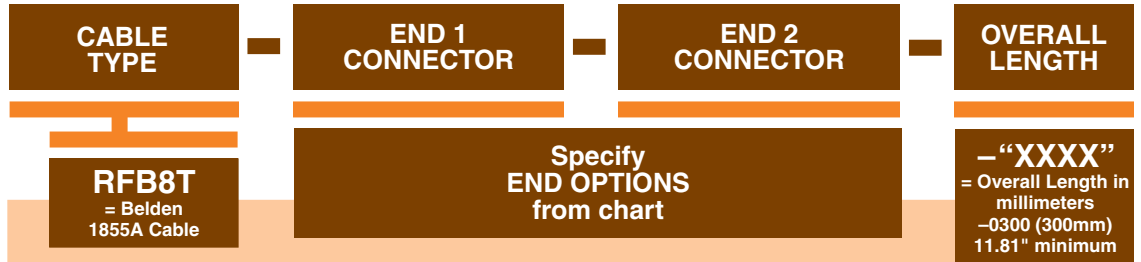
1855A Cable:

- Impedance:**
75Ω ±3Ω
- Capacitance:**
56 ±3pF/meter
- Max Attenuation (cable only):**
0.37dB @ 1GHz for 1 meter
- Conductor Size:**
23 AWG, (0.58mm) .023" dia.
- Conductor Material:**
Bare Copper
- Insulator Material:**
Gas Injected Foamed Polyethylene
- Shield Material:** Tin Copper
- Jacket Material:** PVC
- Jacket Diameter:**
(4.03mm) .159"
- Jacket Color:** Black
- RoHS Compliant:** Yes

Mates with:
MBNC7, DIN7A, HDBNC

ALSO AVAILABLE

- Connector Kits.
 - Additional plating options available.
- Call Samtec.



STRIPPED & TINNED
(Dimensions in mm)

CALLOUT	A	B	C
-303030	3.0	3.0	3.0
-303040	3.0	3.0	4.0
-403030	4.0	3.0	3.0
-403040	4.0	3.0	4.0
-404040	4.0	4.0	4.0

Both center conductor and braid shield are stripped, only the center conductor is tinned.
Call Samtec for other sizes or tinning options.

END OPTIONS

-H4SP3 = 75Ω High Density BNC, Straight Plug (10μ" (0.25μm) Gold on Center Contact, Nickel on Shell)	
-79RP3 = 75Ω Mini BNC, Right Angle Plug (10μ" (0.25μm) Gold on Center Contact, Nickel on Shell)	
-79SP3 = 75Ω Mini BNC, Straight Plug (10μ" (0.25μm) Gold on Center Contact, Nickel on Outer Contact and Shell)	

-78SP4-79SP3 SHOWN

END OPTIONS

-78SP4 = 75Ω DIN, Straight Plug (10μ" (0.25μm) Gold on Center Contact, Gold Flash on Outer Contact, Nickel on Shell)	
-SING = Single Ended (End 2 callout)	
-XXXXXX = Stripped & Tinned (End 2 callout) (See chart for callout)	

* Designed to meet SMPTE 424M 3G SDI specification.

** See connector component pages for specific range.

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