



TNC-J-P-H-RA-TH1

TNC, RF058 SERIES

50Ω TNC JACKS & RG 58 CABLES

SPECIFICATIONS

For complete specifications and recommended Cable Stripping see www.samtec.com?TNC

- Outer Contact Material:** Ni plated Brass
- Center Contact Material:** Au plated Brass (N-Type) Au plated Phosphor Bronze (TNC)
- Insulator Material:** PTFE
- Operating Temperature:** -65°C to +165°C
- Impedance:** 50Ω
- Frequency Range:** 0-6 GHz
- Working Voltage:** 500 Vrms max
- Dielectric Withstanding:** 1500 Vrms min
- Contact Resistance:** Center Contact: 3mΩ max Outer Contact: 2mΩ max
- Insulator Resistance:** 5000 MΩ min
- RoHS Compliant:** Yes

Processing:
Lead-Free Solderable: Yes

TNC	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
Mates with: RF058	-J = Jack	-P = PCB Mount	-H = 30μ" (0,76μm) Gold on center contact, Nickel on Shell	-RA = Right Angle	-TH1 = Through-Hole

SPECIFICATIONS

For complete specifications see www.samtec.com?RF058

- Cable:** 50Ω RG 58 (See RF Cable Selector for details)
- Outer Contact Material:** Brass
- Center Contact Material:** Brass, (-P) Phosphor Bronze (-J)
- Insulator Material:** PTFE
- Impedance:** 50Ω
- Frequency Range:** 0-6 GHz
- Working Voltage:** 1000 Vrms max (N-Type), 500 Vrms max (TNC)
- Dielectric Withstanding:** 2500 Vrms min (N-Type), 1500 Vrms min (TNC)
- Contact Resistance:** Center Contact: 3mΩ max Outer Contact: 2mΩ max
- Insulator Resistance:** 5,000 MΩ
- RoHS Compliant:** Yes

ALSO AVAILABLE

- Connector Kits.
- Additional plating options.
- Additional end connector options.

Call Samtec.

CABLE TYPE	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH
Mates with: TNC RF058 = RG 58 Cable	Specify END OPTIONS from chart		- "XXXX" = Overall Length in millimeters -0100 (100mm) 3.94" minimum

-06SP3-05SR3 SHOWN

END OPTIONS	
-05SR3 = TNC, Reversed Polarity Straight Plug (10μ" (0,25μm) Gold on Center Contact, Nickel on Shell)	
-06SP3 = N Type, Straight Plug (10μ" (0,25μm) Gold on Center Contact, Nickel on Shell)	
-SING = Single Ended (End 2 Callout)	
-XXXXXX = Stripped & Tinned (End 2 callout)	

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 and Tinned.
Call Samtec for other sizes.

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

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