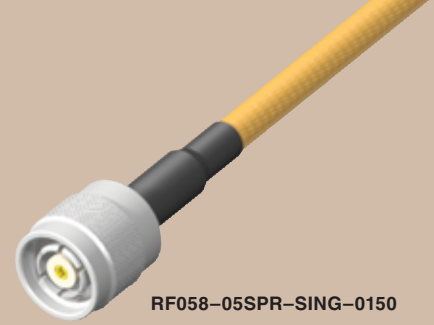




TNC-J-P-H-RA-TH1



RF058-05SPR-SING-0150

# 50Ω TNC JACKS & PLUGS TNC, RF058 SERIES

## SPECIFICATIONS

For complete specifications and recommended Cable Stripping see [www.samtec.com?TNC](http://www.samtec.com?TNC)

- Shell Material:** Brass
- Contact Material:** Phosphor Bronze
- Insulator Material:** Teflon
- Impedance:** 50Ω
- Frequency Range:** 0~11 GHz
- V.S.W.R.:** 1.3 max
- 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
	-J = Jack	-P = PCB Mount	-H = 30μ" (0,76μm) Gold	-RA = Right Angle	-TH1 = Through-Hole

## SPECIFICATIONS

For complete specifications see [www.samtec.com?RF058](http://www.samtec.com?RF058)

- Cable:** 50Ω RG 58 (See RF Cable Selector for details)
- Shell Material:** Brass
- Contact Material:** Brass, (-P)
- Insulator Material:** Teflon
- Impedance:** 50Ω
- Frequency Range:** 0~11 GHz
- V.S.W.R.:** 1.3 max
- Working Voltage:** 1000 Vrms max (NTPE), 500 Vrms max (TNC)
- Dielectric Withstanding:** 2500 Vrms min (NTPE), 1500 Vrms min (TNC)
- Contact Resistance:** Center Contact: 3mΩ max  
Outer Contact: 2mΩ max
- Insulator Resistance:** 5,000 MΩ
- RoHS Compliant:** Yes

CABLE TYPE	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH								
RF058 = RG 58 Cable	Specify END OPTIONS from chart		- "XXXX" = Overall Length in millimeters -0100 (100mm) 3.94" minimum								
	<table border="1" style="width: 100%;"> <thead> <tr> <th colspan="2">END OPTIONS</th> </tr> </thead> <tbody> <tr> <td style="width: 30%;">-05SPR = TNC, Reversed Polarity Straight Plug</td> <td style="text-align: center;"> </td> </tr> <tr> <td>-06SP1 = N Type, Straight Plug</td> <td style="text-align: center;"> </td> </tr> <tr> <td>-SING = Single Ended (End 2 Callout)</td> <td style="text-align: center;"> </td> </tr> </tbody> </table>		END OPTIONS		-05SPR = TNC, Reversed Polarity Straight Plug		-06SP1 = N Type, Straight Plug		-SING = Single Ended (End 2 Callout)		<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 0 auto;"> <b>ALSO AVAILABLE</b> Cable components. Call Samtec.                 </div>
END OPTIONS											
-05SPR = TNC, Reversed Polarity Straight Plug											
-06SP1 = N Type, Straight Plug											
-SING = Single Ended (End 2 Callout)											

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)