

RF058-05SR3-05SR3-0100

NTPE, RF058 SERIES

50Ω TYPE

SPECIFICATIONS

For complete specifications and assembly instructions see www.samtec.com?NTPE

- Shell Material:** Brass
- Contact Material:** Brass (-P), Phosphor Bronze (-J)
- Insulator Material:** PTFE
- Center Contact:** Soldered
- Outer Contact:** Crimped
- Impedance:** 50Ω
- Frequency Range:** 0-3 GHz (Cable dependent)
- V.S.W.R.:** 1.3 max
- Working Voltage:** 1000 Vrms max
- Dielectric Withstanding:** 2500 Vrms min
- Contact Resistance:** Center Contact: 3mΩ max
Outer Contact: 2mΩ max
- Insulator Resistance:** 5,000 MΩ min
- Operating Temp Range:** -65°C to +125°C

NTPE	GENDER	TYPE	PLATING	ORIENTATION	TERMINATION
	-P = Plug -J = Jack	-C = Cable	-GN = 10μ" (0,25μm) Gold on contact, Nickel on body	-ST = Straight	-C10 = RG 58 Cable (-P only) -BH1 = Bulkhead, RG 174 & RG 316 Cable (-J only)

Supplied with pins, washers, nuts, gaskets and ferrules. See website for dimensions.

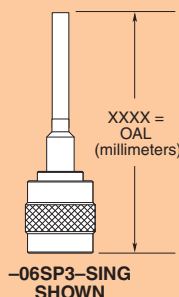
Mates with: TNC

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:** 0-1 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

RF058	END 1 CONNECTOR	END 2 CONNECTOR	OVERALL LENGTH																																																
ALSO AVAILABLE	Specify END OPTIONS from chart		- "XXXX" = Overall Length in millimeters -0100 (100mm) 3.94" minimum																																																
<ul style="list-style-type: none"> • Connector Kits. • Additional plating options. • Additional end connector options. Call Samtec.	<table border="1"> <thead> <tr> <th colspan="4">END OPTIONS</th> </tr> </thead> <tbody> <tr> <td>-05SR3 = TNC, Reversed Polarity Straight Plug (10μ" (0,25μm) Gold on Center Contact, Nickel on Shell)</td> <td></td> <td>(14,50) .571</td> <td></td> </tr> <tr> <td>-06SP3 = N Type, Straight Plug (10μ" (0,25μm) Gold on Center Contact, Nickel on Shell)</td> <td></td> <td>(21,00) .827 DIA</td> <td></td> </tr> <tr> <td>-SING = Single Ended (End 2 Callout)</td> <td></td> <td></td> <td></td> </tr> <tr> <td>-XXXXXX = Stripped & Tinned (End 2 callout)</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		END OPTIONS				-05SR3 = TNC, Reversed Polarity Straight Plug (10μ" (0,25μm) Gold on Center Contact, Nickel on Shell)		(14,50) .571		-06SP3 = N Type, Straight Plug (10μ" (0,25μm) Gold on Center Contact, Nickel on Shell)		(21,00) .827 DIA		-SING = Single Ended (End 2 Callout)				-XXXXXX = Stripped & Tinned (End 2 callout)				<table border="1"> <thead> <tr> <th colspan="4">STRIPPED & TINNED (Dimensions in mm)</th> </tr> <tr> <th>CALLOUT</th> <th>A</th> <th>B</th> <th>C</th> </tr> </thead> <tbody> <tr> <td>-303030</td> <td>3.0</td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td>-303040</td> <td>3.0</td> <td>3.0</td> <td>4.0</td> </tr> <tr> <td>-403030</td> <td>4.0</td> <td>3.0</td> <td>3.0</td> </tr> <tr> <td>-403040</td> <td>4.0</td> <td>3.0</td> <td>4.0</td> </tr> <tr> <td>-404040</td> <td>4.0</td> <td>4.0</td> <td>4.0</td> </tr> </tbody> </table> <p>Both center conductor and braid shield are stripped, only the center conductor is tinned. Call Samtec for other sizes or tinning options.</p>	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
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Due to technical progress, all designs, specifications and components are subject to change without notice.