

# RFX 50Ω & 75Ω BNC jacks, panel jacks & bulkhead jacks

**Fig. 1**

50Ω & 75Ω BNC 3 Piece Crimp Jacks  
**36800-RFX** for RG-58 (50Ω)  
**31-71009-RFX** for RG-59 (75Ω)  
**31-71014-RFX** for RG-179 (75Ω)

**Fig. 2**

50Ω BNC Clamp Type Jacks  
**31-5-RFX** for RG-58  
**31-15-RFX** for RG-59

## RFX BNC CABLE JACKS • 50Ω & 75Ω • female contacts • 2-stud bayonet mating

Cable RG/U	Cable Attachment		Dimensions, inches (millimeters)			Construction Notes				CTL Tool No.	UG Ref. Number†	Amphenol RFX Number	Fig.
	Outer	Inner	a	b	c •	CAI	Pit.	Ins.	Imp.				
58, 141, 142	Crimp	Crimp	1.32(33.6)	.453(11.5)	.210(5.3)	C6	P1	D2	50Ω	CTL-1	—	<b>36800-RFX</b>	1
	Clamp	Solder	1.12(28.6)	.571(14.5)	.212(5.4)	C8	P1	D1	50Ω	—	UG-89B	<b>31-5-RFX</b>	2
59, 62, 140, 210	Crimp	Crimp	1.32(33.6)	.453(11.5)	.260(6.6)	C6	P1	D2	75Ω	CTL-1	—	<b>31-71009-RFX</b>	1
	Clamp	Solder	1.12(28.6)	.571(14.5)	.212(5.4)	C8	P1	D1	50Ω	—	UG-261B	<b>31-15-RFX</b>	2
179,187	Crimp	Crimp	1.37(34.9)	.453(11.5)	.106(2.7)	C6	P1	D2	75Ω	CTL-2	—	<b>31-71014-RFX</b>	1

**Fig. 3**

75Ω BNC Crimp-Crimp Panel Jacks  
**31-71012-RFX** for RG-59  
**31-71017-RFX** for RG-179

**Fig. 4**

50Ω & 75Ω BNC Crimp-Crimp Bulkhead Jacks  
Cables      Connectors

RG-58	<b>31-342-RFX</b>
RG-59	50Ω <b>31-343-RFX</b>
	75Ω <b>31-71011-RFX</b>
RG-174,316	<b>31-318-RFX</b>
RG-179	50Ω <b>31-245-RFX</b>
	75Ω <b>31-71016-RFX</b>

## RFX BNC PANEL JACKS & BULKHEAD JACKS • 50Ω & 75Ω • female contacts • 2-stud bayonet mating

Cable RG-U	Conn. Type	Cable Attachment		Dimensions, inches (millimeters)				CAI	Pit.	Ins.	Imp.	Mtg Hole	CTL Tool No.	Amphenol RFX Number	Fig.
		Outer	Inner	a	b	c •	e								
58,141,142	Bulkh Jack	Crimp	Crimp	1.38(35.1)	.687(17.5)	.210(5.3)	.138(3.5)	C6	P1	D2	50Ω	Y	CTL-1	<b>31-342-RFX</b>	4
	Panel Jack	Crimp	Crimp	1.33(33.8)	.687(17.5)	.260(6.6)	.187(4.7)†	C6	P1	D2	75Ω	L	CTL-1	<b>31-71012-RFX</b>	3
59,62,140, 210	Bulkh Jack	Crimp	Crimp	1.38(35.1)	.687(17.5)	.260(6.6)	.138(3.5)	C6	P1	D2	50Ω	Y	CTL-1	<b>31-343-RFX</b>	4
											75Ω	Y	CTL-1	<b>31-71011-RFX</b>	4
174,188,316	Bulkh Jack	Crimp	Crimp	1.43(36.4)	.687(17.5)	.106(2.7)	.138(3.5)	C6	P1	D2	50Ω	Y	CTL-2	<b>31-318-RFX</b>	4
179,187	Panel Jack	Crimp	Crimp	1.38(35.1)	.687(17.5)	.106(2.7)	.187(4.7)†	C6	P1	D2	75Ω	L	CTL-2	<b>31-71017-RFX</b>	3
											50Ω	Y	CTL-2	<b>31-245-RFX</b>	4
	Bulkh Jack	Crimp	Crimp	1.43(36.4)	.687(17.5)	.106(2.7)	.138(3.5)	C6	P1	D2	75Ω	Y	CTL-2	<b>31-71016-RFX</b>	4

■ to end of crimp ferrule      • accommodates cable diameter      ‡ For reference only. RFX™ connectors are for commercial use only.  
† max. panel when rear mounted through panel