

F-Conn Connector Sizing Chart (Millimeters)

		BASIC	DB	COMMERCIAL	GOLD	COMMERCIAL Splice/Insert	GOLD Splice/Insert	High Definition
RG1 (24-26 AWG*) ORANGE	MIN ~ MAX (mm)		DB1RCA	FSRCA1RGB FSBNC1RGB FS1RCA FS1BNC	RGRCA1RGB RGBNC1RGB RG1RCA RG1BNC	FS1RCASST FS1BNCSSST	RG1RCASST RG1BNCSSST	DB1BNCHD
	Center Conductor	.38 ~ .64						
	Dielectric	1.65 ~ 1.98						
	Outer Jacket	2.41 ~ 2.79						
RG15 (22-24 AWG*) PURPLE	MIN ~ MAX (mm)		DB15RCA	FSRCA15RGB FSBNC15RGB FS15RCA FS15BNC	RGRCA15RGB RGBNC15RGB RG15RCA RG15BNC	FS15RCASST FS15BNCSSST	RG15RCASST RG15BNCSSST	DB15BNCHD
	Center Conductor	.38 ~ .64						
	Dielectric	2.41 ~ 2.67						
	Outer Jacket	3.68 ~ 4.06						
* This AWG is a reference point only please make sure you spec the cable to ensure proper fit.								
RG59 PLENUM RED	MIN ~ MAX (mm)			FS59PL FS59BNCPL FS59RCAPL				
	Center Conductor	.81 ~ .86						
	Dielectric	3.73 ~ 3.99						
	Outer Jacket	4.83 ~ 5.59						
RG59 PLENUM 2 RED	MIN ~ MAX (mm)		DB59PL2/4 DB59BNCPL2/4 DB59RCAPL2/4	FS59PL2 FS59BNCPL2 FS59RCAPL2				
	Center Conductor	.81 ~ .86						
	Dielectric	3.30 ~ 3.48						
	Outer Jacket	4.83 ~ 5.59						
RG59 PLENUM 3 RED	MIN ~ MAX (mm)		DB59PL2 DB59BNCPL3 DB59RCAPL3	FS59PL2 FS59BNCPL3 FS59RCAPL3				
	Center Conductor	.53 ~ .61						
	Dielectric	3.30 ~ 3.48						
	Outer Jacket	4.83 ~ 5.59						
RG59 PLENUM 4 RED	MIN ~ MAX (mm)		DB59PL2/4 DB59BNCPL2/4 DB59RCAPL2/4	FS59PL4 FS59BNCPL4 FS59RCAPL4				
	Center Conductor	.81 ~ .86						
	Dielectric	3.40 ~ 3.58						
	Outer Jacket	4.83 ~ 5.59						
RG59 SECURITY RED	MIN ~ MAX (mm)		DB59BNCPL DB59RCASL	FS59BNCPL				
	Center Conductor	.81 ~ .86						
	Dielectric	3.48 ~ 3.76						
	Outer Jacket	5.89 ~ 6.30						
RG59 STANDARD RED	MIN ~ MAX (mm)		RG59WR RG59WRO RG59-RCAWR					
	Center Conductor	.81 ~ .86						
	Dielectric	3.66 ~ 3.99						
	Outer Jacket	5.89 ~ 6.40						
RG59 Quad RED	MIN ~ MAX (mm)		RG59NR					
	Center Conductor	.81 ~ .86						
	Dielectric	3.66 ~ 3.99						
	Outer Jacket	6.53 ~ 6.93						
RG59 UNIVERSAL RED	MIN ~ MAX (mm)		DB59U DB59BNCU	FS59U FS59URA FS59BNCU FS59RCAU FSBNC59URA FSRCA59URA FS59IECUM FS59IECUF	RG59U RG59BNCU RG59RCAU RG59IECUM RG59IECUF	FS59US FS59BNCUS FS59RCAUS	RG59US RG59BNCUS RG59RCAUS	DB59BNCHD
	Center Conductor	.81 ~ .86						
	Dielectric	3.66 ~ 3.99						
	Outer Jacket	5.89 ~ 6.93						
RG59/ MINI COAX CENTER CONDUCTOR RED	MIN ~ MAX (mm)		DB59BNCBU					
	Center Conductor	.53 ~ .61						
	Dielectric	3.66 ~ 3.99						
	Outer Jacket	5.89 ~ 6.93						

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			BASIC	DB	COMMERCIAL	GOLD	COMMERCIAL Splice/Insert	GOLD Splice/Insert	High Definition
RG6PL GREEN	MIN ~ MAX (mm)				FS6PL FS6BNCPL FS6RCAPL				
	Center Conductor	1.01 ~ 1.06							
	Dielectric	4.65 ~ 4.90							
	Outer Jacket	5.59 ~ 6.35							
RG6PL2 GREEN	MIN ~ MAX (mm)			DB6PL2 DB6BNCPL2 DB6RCAPL2	FS6PL2 FS6BNCPL2 FS6RCAPL2				
	Center Conductor	1.01 ~ 1.06							
	Dielectric	4.19 ~ 4.37							
	Outer Jacket	5.59 ~ 6.35							
RG6 GREEN	MIN ~ MAX (mm)		RG6WR						
	Center Conductor	1.01 ~ 1.06	RG6WR						
	Dielectric	4.57 ~ 4.90	RG6-RCAWR						
	Outer Jacket	6.73 ~ 7.26							
RG6 Quad GREEN	MIN ~ MAX (mm)		RG6NR RG6NRO						
	Center Conductor	1.01 ~ 1.06							
	Dielectric	4.57 ~ 4.90							
	Outer Jacket	7.34 ~ 7.75							
RG6 UNIVERSAL GREEN	MIN ~ MAX (mm)			DB6U DB6BNCU	FS6U FS6URA FS6BNCU FS6RCAU FS6IECUM FS6IECUF FSBNC6URA FSRCA6URA	RG6U RG6BNCU RG6RCAU RG6IECUM RG6IECUF	FS6US FS6BNCUS FS6RCAUS	RG6US RG6BNCUS RG6RCAUS	DB6BNCHD
	Center Conductor	1.01 ~ 1.06							
	Dielectric	4.57 ~ 4.90							
	Outer Jacket	6.73 ~ 7.75							
RG11 UNIVERSAL BLACK	MIN ~ MAX (mm)		F11WR		FS11V FS11BNC				
	Center Conductor	1.61 ~ 1.64							
	Dielectric	7.11 ~ 7.47							
	Outer Jacket	9.91 ~ 10.59							
RG11 PLENUM GRAY	MIN ~ MAX (mm)				FS11PL				
	Center Conductor	1.61 ~ 1.64							
	Dielectric	7.11 ~ 7.47							
	Outer Jacket	8.61 ~ 9.02							

					COMMERCIAL Splice/Insert	GOLD Splice/Insert
	BASIC	DB	COMMERCIAL	GOLD		
			F & RCA*			
			F & RCA			
			F**			
			BNC**			
			ALL*	ALL*	ALL*	ALL*
	ALL*					
	ALL*	F & RCA*				
	ALL*	ALL*				

F-Conn Connector Sizing Chart (Millimeters)

				Compatible Cable
DS3	MIN ~ MAX (mm)		DB	
	Center Conductor	0.35 ~ 0.51	DBDS3BNC	Belden 735A
	Dielectric	1.78 ~ 2.16		Commscope 734D1
	Outer Jacket	3.05 ~ 3.56		
DS4	MIN ~ MAX (mm)			
	Center Conductor	0.81 ~ 0.86	DBDS3BNC	Belden 73501
	Dielectric	3.68 ~ 3.93		Commscope 734S1
	Outer Jacket	5.59 ~ 6.10		

				Compatible Cable
ITS	MIN ~ MAX (mm)		DB	
	Center Conductor	0.81 ~ 0.86	DB59BNC SL2-F DB59BNC SL2-M	Belden 8281 & 8281B
	Dielectric	4.90 ~ 5.16		Gepco VP618M & VP618PE
	Outer Jacket	7.54 ~ 7.95		General/ Carol C5816
				West-Penn P806