

Standard-Sized RF Connectors

	SMA Jack Rcpt.	SMA Plug	BNC Jack Rcpt.	BNC Plug	TNC Jack Rcpt.	TNC Plug	N-TYPE Jack Rcpt.	N-TYPE Plug
BULK HEAD	B-7812		*C16CK3705 -XXXX		*C18CDWA 178003		*C28CEWS -17XXX	
PANEL MOUNT	*C02AF31-XX						HN- 020101F	
SMA Rcpt.	B-7817							
SMA Plug		B-7816						
BNC Rcpt.	B-7830	B-7820	HZ-BFBF02					
BNC Plug	B-7829	B-7819		HZ- BMBM02				
N-TYPE Rcpt.	B-7833	B-7824						
N-TYPE Plug	B-7833	B-7823						
UHF Rcpt.					HZ- UFT02			
UHF Plug			HU-090102F			HZ- UMTM02		
TNC Rcpt.	B-7835			HZ- TMBM02				

Miniature RF Connectors

- ❖ The SMA connector is a High-performance sub-miniature for microwave frequencies at 50 Ohm. These connectors typically operate up to 18GHz, and some version could operate up to 27GHz. Its' Good mechanical strength, compact design makes it one of the most used RF connectors and many variations.
- ❖ BNC to Front-Mount/ Bulkhead/ Plug-Plug/ Jack-Jack types.

SMA



- ❖ The SMB connectors are designed to operate up to 4GHz.
- ❖ It has a Snap-On-coupling feature and available in either 50 Ohm or 75 Ohm applications. The SMB connector are commonly use in Broadcasting/ instrumentation application.
- ❖ The FARKA connectors are a deviated version of the SMB connector that comes with keying and colored features.

SMB/FAKRA



- ❖ The SMC connectors are designed to operate up to 10GH. It has a socket at the center contact. The SMC connectors have a smaller foot-printed that allows it to use a smaller O.D. coaxial cable such as RG-174/RG179.

SMC



- ❖ The MCX connectors are another compact Snap-On connector and about 30% smaller in size than the SMB connector. The MCX connector provides good electrical performance up to 6GHz and uses applications such as wireless and GPS signals.

MCX



Miniature RF Connectors

	SMA JACK	SMA PLUG	SMB JACK	SMB PLUG	SMC JACK	SMC PLUG	MCX JACK	MCX PLUG	FME JACK	FMW PLUG
STR CLAMP PLUG				X						
STR CRIMP PLUG		X/X		X/X		X		X		X
STR SOLDER PLUG		X								
R/A CRIMP PLUG		X		X/X				X		X
R/A SOLDER PLUG		X								
R/A BULKHEAD CRIMP PLUG		X								X
STR BULKHEAD JACK (PCB MOUNT, EDGE, MOUNT)			X		X		X			
R/A BULKHEAD CRIMP JACK	X/X		X							
STR CRIMP JACK	X/X		X/X				X		X	
STR SOLDER JACK	X									
PANEL MOUNT JACK (SOLDER CUP, BLUNT POST, TAB)	X									

Miniature RF Connectors



Hirose U.FL/W.FL



I-PEX RF connectors



MMCX connectors



SSMB connectors



MC-Card/RA connectors



1.6/5.6 series



RF Cable assemblies