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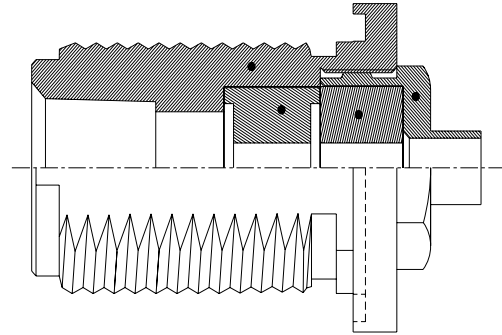
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# *N-TYPE SPECIFICATION*



## **50 Ω N-Type Specifications**

Impedance : 50 Ω

Frequency Range : 0 - 12 GHz (max.)

VSWR : 1.15 + 0.000 x F GHz (1.30 max.)

Working Voltage : 850 Volts (max.)

Dielectric Withstanding Voltage : 1500 Volts (min.)

Contact Resistance : 20 m Ω (max.)

Insulation Resistance : 5000 MΩ (min.)

Min. Withstanding : 1.2 KVAC/ 1 minute

Temperature Range : - 55°C to + 85°C

# *N-TYPE CONNECTOR*

## **N-TYPE STR. JACK CONNECTOR for Cable**

21225

20879



*N-TYPE STRAIGHT JACK  
BULKHEAD CONNECTOR*

*For RG402 (.141) Cable*



*N-TYPE STRAIGHT JACK  
BULKHEAD CONNECTOR*

*For LMR195 Cable*

## N-TYPE R/A JACK CONNECTOR

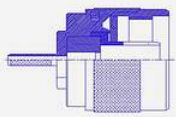
20690



*N-Type R/A Jack CONN.  
Receptacle*

## N-TYPE STR. PLUG CONNECTOR for Cable

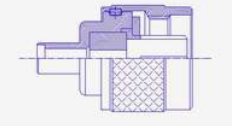
20372 (S-3020)



*N-Type STRAIGHT PLUG  
CONNECTOR*

*For RG-316 Cable*

20973

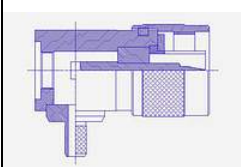


*N-TYPE STRAIGHT PLUG  
CONNECTOR*

*For RG-58 Cable*

## N-TYPE R/A PLUG CONNECTOR for Cable

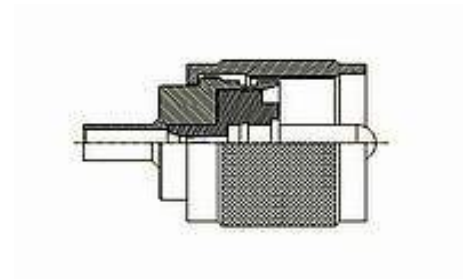
20533



*N-TYPE R/A PLUG  
CONNECTOR*

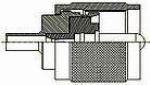
*For RG-58 Cable*

# UHF SPECIFICATION

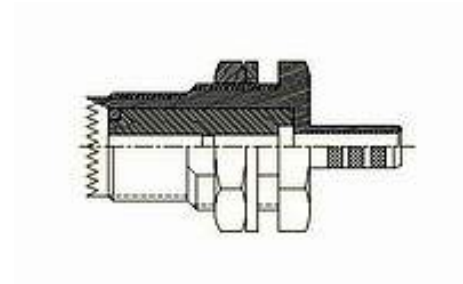


Impedance : Non-constant  
Frequency Range : 0 - 300 MHz (max.)  
Voltage Rating : 500 volts peak  
Temperature Range : -55°C to +149°C

## UHF CONNECTOR

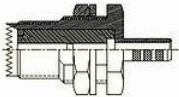
<b>UHF STR. CRIMP CONNECTOR for Cable</b>			
20545			
	<i>UHF STRAIGHT CRIMP For RG-316 Cable</i>		

# MINI-UHF SPECIFICATION

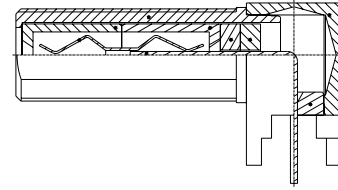


Impedance : 50 Ω  
Frequency Range : 0 - 2.5 GHz (max.)  
Voltage Rating : 335 volts @ sea level  
Temperature Range : -55°C to +149°C  
Dielectric Withstanding Voltage : 1,000 volts rms  
VSWR : 1.25 max (0 - 2.5 GHz)  
Insulation Resistance : 5,000 MΩ  
Temperature Range : -55°C to +85°C

## MINI-UHF CONNECTOR

<b>MINI UHF STR. CRIMP CONNECTOR for Cable</b>			
20492			
	<i>MINI UHF JACK BULKHEAD</i>  <i>CRIMP</i>  <i>For RG-174/ RG-188/ RG-316</i> <i>Cable</i>		

# F-TYPE SPECIFICATION



## 75 Ω F-Type Specifications

Impedance : 75 Ω

Frequency Range : 0 - 1 GHz (max.)

RF Leakage : -100 dB min @ 1GHz

Contact Resistance : 20 m Ω (max.)




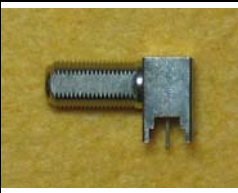
Insulation Resistance : 500 Meg. Ω (min.)

Min. Withstanding : 1.2 KVAC/ 1 minute

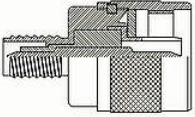
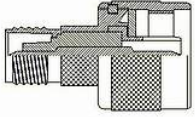
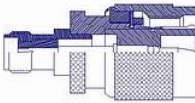
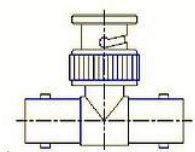

Cable Permitting : RG-6U Cable(0.040" center conductor) to  
RG-59U Cable(0.025" center conductor)

Temperature Range : - 45°C to + 85°C

## *F-TYPE CONNECTOR*

<b>F-TYPE R/A JACK CONNECTOR</b>			
<b>21322XXXX</b>		<b>21323XXXX</b>	
	<i>F-TYPE R/A JACK CONNECTOR PCB MOUNT ( 75Ω )</i>		<i>F-TYPE R/A JACK CONNECTOR PCB MOUNT WITH B/L ( 75Ω )</i>
<b>21405XXXX</b>		<b>S-7230</b>	
	<i>F-TYPE R/A JACK CONNECTOR PCB MOUNT ( 75Ω )</i>		<i>F-TYPE R/A JACK CONNECTOR PCB MOUNT ( 75Ω )</i>

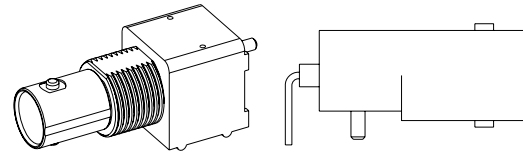
# ADAPTER SPECIFICATION 6

<b>20352</b>		<b>20360</b>	
	<i>N-TYPE PLUG TO SMA JACK R/P ADAPTER</i>		<i>N-TYPE PLUG TO TNC JACK R/P ADAPTER</i>
<b>20458</b>		<b>20451</b>	
	<i>TNC PLUG TO SMA JACK ADAPTER</i>		<i>BNC " T " ADAPTER JACK -PLUG-JACK</i>
<b>21669XXXX</b>			
	<i>BNC JACK TO JACK ADAPTER BULKHEAD (50 Ohm)</i>		



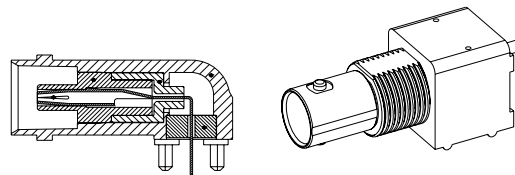
# *BNC SPECIFICATION*

## 50 Ω BNC Specifications



- Impedance : 50 Ω nominal
- Frequency Range : 0 - 4 GHz (max.)
- VSWR : Straight Connectors – 1.35 (max.)  
Right Angel Connectors – 1.33 (max.)
- Voltage Rating : 500 volts peak
- Dielectric Withstanding Voltage : 1,500 volts rms
- Contact Resistance : Center Contact:  $\leq 1.5 \text{ m}\Omega$ ;  
Outer Contact:  $\leq 0.2 \text{ m}\Omega$
- Temperature Range : TFE insulators: - 65°C to + 165 °C  
Copolymer of Styrene: - 55°C to + 85°C





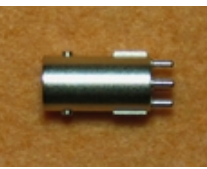

## 75 Ω BNC Specifications











- Impedance : 75 Ω nominal
- Frequency Range : 0 - 1 GHz (max.)
- VSWR : Straight Connectors – 1.35 (max.)  
Right Angel Connectors – 1.33 (max.)
- Voltage Rating : 500 volts peak
- Dielectric Withstanding Voltage : 1,500 volts rms
- Contact Resistance : Center Contact:  $\leq 1.5 \text{ m}\Omega$ ;  
Outer Contact:  $\leq 0.2 \text{ m}\Omega$
- Temperature Range : TFE insulators: - 65°C to + 165 °C  
Copolymer of Styrene: - 55°C to + 85°C

# BNC CONNECTOR

<b>BNC STRAIGHT JACK CONNECTOR for PCB</b>			
<b>21298XX01/ 21298XX02</b>		<b>21299XX01/ 21299XX02</b>	
	<i>BNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:15.9mm)		<i>BNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21439XX01/ 21439XX02</b>		<b>21440XX01/ 21440XX02</b>	
	<i>BNC STR. JACK CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:15.9mm)		<i>BNC STR. JACK CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21302XX01/ 21302XX02</b>		<b>21303XX01/ 21303XX02</b>	
	<i>BNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (75 $\Omega$ , H:15.9mm)		<i>BNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (75 $\Omega$ , H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White

<b>21443XX01/ 21443XX02</b>		<b>21444XX01/ 21444XX02</b>	
	<i>BNC STR. JACK CONNECTOR PCB MOUNT</i>  (75 $\Omega$ , H:15.9mm)		<i>BNC STR. JACK CONNECTOR PCB MOUNT</i>  (75 $\Omega$ , H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>19982</b>		<b>20779</b>	
	<i>BNC STR. JACK CONNECTOR PCB MOUNT</i>  (75 $\Omega$ )		<i>BNC STR. JACK CONNECTOR PCB MOUNT</i>  (50 $\Omega$ )

## BNC R/A JACK CONNECTOR for PCB

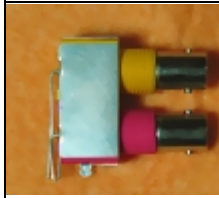
<b>21300XX01/ 21300XX02</b>		<b>21301XX01/ 21301XX02</b>	
	<i>BNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:15.9mm)		<i>BNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21441XX01/ 21441XX02</b>		<b>21442XX01/ 21442XX02</b>	
	<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:15.9mm)		<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (50 $\Omega$ , H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White

<b>21304XX01/ 21304XX02</b>		<b>21305XX01/ 21305XX02</b>	
	<i>BNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (75 Ω, H:15.9mm)		<i>BNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (75 Ω, H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21445XX01/ 21445XX02</b>		<b>21446XX01/ 21446XX02</b>	
	<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (75 Ω, H:15.9mm)		<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (75 Ω, H:13.1mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>19983</b>		<b>21277</b>	
	<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (75 Ω)		<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (50 Ω)
<b>21295</b>			
	<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (75 Ω)		<i>BNC R/A JACK CONNECTOR PCB MOUNT</i>  (50 Ω)
<b>21724XX01</b>		<b>21824XX01</b>	
	<i>BNC R/A JACK CONNECTOR PCB MOUNT (Zinc Body)</i>  (75 Ω, H:12.7mm)		<i>BNC R/A JACK CONNECTOR PCB MOUNT (Zinc Body)</i>  (50 Ω, H:12.7mm)

## DUAL PORT BNC R/A JACK for PCB Mount Receptacle

21664XX01/ 21664XX02

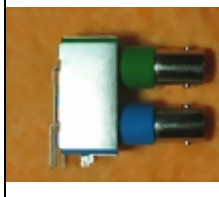
21326XX03/ 21326XX06



*DUAL PORT BNC R/A JACK  
CONNECTOR for PCB MOUNT  
Receptacle  
(50 Ω)*



*DUAL PORT BNC R/A JACK  
CONNECTOR for PCB MOUNT  
Receptacle  
(75 Ω)*



XX01: YEL+RED , XX02: GRN+BLU,  
XX03: RED+WHT , XX04: WHT/WHT ,  
XX05: GRN/YEL , XX06: RED+BLU.



XX01: YEL+RED , XX02: GRN+BLU,  
XX03: RED+WHT , XX04: WHT/WHT ,  
XX05: GRN/YEL , XX06: RED+BLU.

## BNC STRAIGHT CRIMP CONNECTOR for Cable

20763XX01

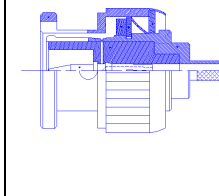


*BNC STR. PLUG CRIMP  
CONNECTOR  
(75Ω, For RG-58 Cable)*



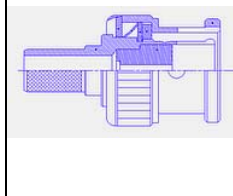
*BNC STR. PLUG CRIMP  
CONNECTOR  
(50Ω, For RG-179 Cable)*

S-3096



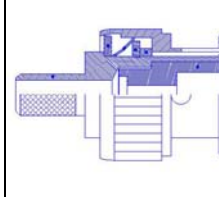
*BNC STR. PLUG CRIMP  
CONNECTOR  
(50 Ω, For RG-316 Cable)*

20490



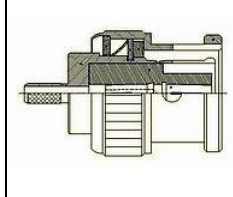
*BNC STR. PLUG CRIMP  
CONNECTOR  
(75 Ω, For RG-59 Cable)*

S-3084-01



*BNC STR. PLUG CRIMP  
CONNECTOR  
(50 Ω, For RG-58/U Cable)*

20524

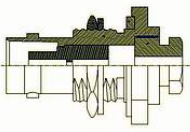


*BNC STR. PLUG BLKD R/P  
CONNECTOR.  
(50 Ω, For RG-316 Cable)*



## BNC STRAIGHT JACK CONNECTOR for Cable

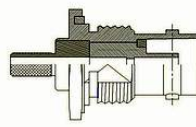
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*BNC STR. JACK BULKHEAD  
CONNECTOR*

(50 Ω, For RG316 Cable)

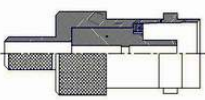
20536



*BNC STR. JACK BULKHEAD  
CONNECTOR*

(50 Ω, For RG316 Cable)

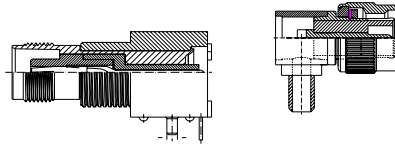
20370



*BNC STR. JACK CONNECTOR*

(50 Ω, For RG-58 Cable)

# TNC SPECIFICATION



## 50 Ω TNC Specifications

Impedance : 50 Ω

Frequency Range : 0- 11 GHz (max.)

VSWR : Straight Connectors – 1.30 (max.) for 11 GHz;

Right Angel Connectors – 1.33 (max.) for 11 GHz

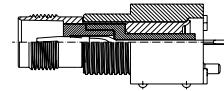
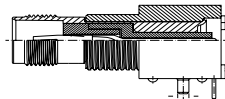
Voltage Rating : 500 volts peak

Dielectric Withstanding Voltage : 1,500 volts rms

Contact Resistance : Center Contact: ≤ 1.5 mΩ;

Outer Contact: ≤ 1.0 mΩ

Temperature Range : - 65°C to + 165 °C



## 75 Ω TNC Specifications

Impedance : 75 Ω

Frequency Range : 0 - 1 GHz (max.)

VSWR Straight Connectors – 1.30 (max.) for 11 GHz;

Right Angel Connectors – 1.33 (max.) for 11 GHz

Voltage Rating : 500 volts peak

Dielectric Withstanding Voltage : 1,500 volts rms

Contact Resistance : Center Contact: ≤ 1.5 mΩ;

Outer Contact: ≤ 1.0 mΩ

Temperature Range : - 65°C to + 165 °

# TNC CONNECTOR

## TNC STR. JACK CONNECTOR

21421XX01/ 21421XX02

21422XX01/ 21422XX02

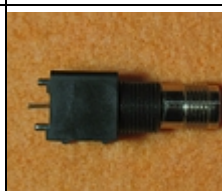


*TNC STR. JACK CONNECTOR  
PCB MOUNT*

*(50Ω, H:13.1mm)*



XX01: Black  
XX02: White



*TNC STR. JACK CONNECTOR  
PCB MOUNT*


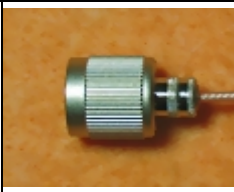


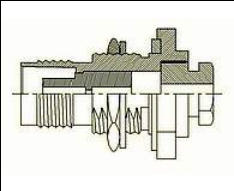
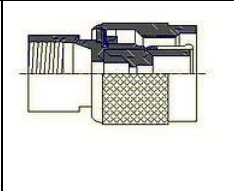
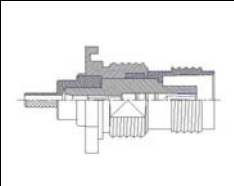
*(50Ω, H:15.9mm)*







XX01: Black  
XX02: White

<b>21461XX01/ 21461XX02</b>		<b>21462XX01/ 21462XX02</b>	
	<i>TNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>		<i>TNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>
	<i>(50Ω, H:13.1mm)</i>		<i>(50Ω, H:13.1mm)</i>
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21425XX01/ 21425XX02</b>		<b>21426XX01/ 21426XX02</b>	
	<i>TNC STR. JACK CONNECTOR PCB MOUNT</i>		<i>TNC STR. JACK CONNECTOR PCB MOUNT</i>
	<i>(75Ω, H:13.1mm)</i>		<i>(75Ω, H:15.9mm)</i>
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21465XX01/ 21465XX02</b>		<b>21466XX01/ 21466XX02</b>	
	<i>TNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>		<i>TNC STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>
	<i>(75Ω, H:13.1mm)</i>		<i>(75Ω, H:15.9mm)</i>
	XX01: Black XX02: White		XX01: Black XX02: White
<b>20388 (S-3046)</b>		<b>20389 (S-3047)</b>	
	<i>TNC PRESS FIT STR. PLUG CONNECTOR PCB MOUNT</i>		<i>TNC STR. JACK BULKHEAD CONNECTOR PANEL MOUNT</i>


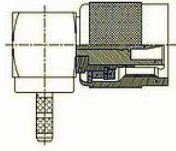
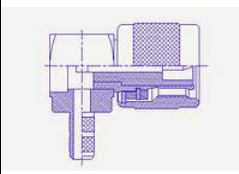
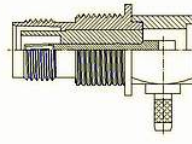
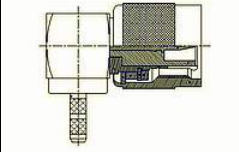


<b>TNC STR. PLUG CONNECTOR for Cable</b>			
<b>21744XX01</b>		<b>21760XX01</b>	
	<i>TNC STR. PLUG CONNECTOR (50 Ω, For RG-174/316/188 Cable)</i>		<i>TNC STR. PLUG CONNECTOR (50 Ω, For RG-178 Cable)</i>
<b>20582XX01</b>		<b>20681</b>	
	<i>TNC STR. PLUG CONNECTOR (50 Ω, For RG-316 Cable)</i>		<i>TNC STR. JACK BULKHEAD CONNECTOR CLAMP For RG-174/316/188 Cable</i>
<b>20437 (S-3082)</b>		<b>20529 (S-3232)</b>	
	<i>TNC STR. JACK BULKHEAD CONNECTOR (For RG-179/ 187 Cable)</i>		<i>TNC STR. JACK CONNECTOR CLAMP (For RG-58U Cable)</i>
<b>20526 (S3222)</b>			
	<i>TNC STR. JACK BULKHEAD CONNECTOR (For RG-316 Cable)</i>		

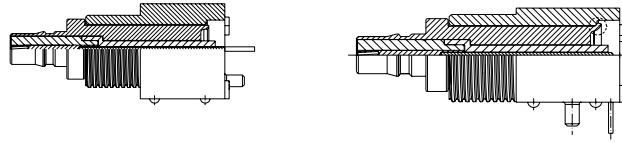
<b>TNC R/A JACK CONNECTOR for PCB MOUNT</b>			
<b>21423XX01/ 21423XX02</b>		<b>21424XX01/ 21424XX02</b>	
	<i>TNC R/A JACK CONNECTOR PCB MOUNT  (50Ω, H: 13.1mm)</i>		<i>TNC R/A JACK CONNECTOR PCB MOUNT  (50Ω, H: 15.9mm)</i>
	XX01: Black XX02: White		XX01: Black XX02: White

<b>21463XX01/ 221463XX02</b>		<b>21464XX01/ 21464XX02</b>	
	<i>TNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  <i>(50Ω, H: 13.1mm)</i>		<i>TNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  <i>(50Ω, H: 15.9mm)</i>
	XX01: Black XX02: White		
<b>21427XX01/ 21427XX02</b>		<b>21428XX01/ 21428XX02</b>	
	<i>TNC R/A JACK CONNECTOR PCB MOUNT</i>  <i>(75Ω, H: 13.1mm)</i>		<i>TNC R/A JACK CONNECTOR PCB MOUNT</i>  <i>(75Ω, H: 15.9mm)</i>
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21467XX01/ 21467XX02</b>		<b>21468XX01/ 21468XX02</b>	
	<i>TNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  <i>(75Ω, H: 13.1mm)</i>		<i>TNC R/A JACK BULKHEAD CONNECTOR PCB MOUNT</i>  <i>(75Ω, H: 15.9mm)</i>
	XX01: Black XX02: White		XX01: Black XX02: White
<b>20414 (S-3055)</b>			
	<i>TNC R/A JACK CONNECTOR for PCB MOUNT</i>		

## TNC R/A JACK CONNECTOR for Cable

<b>21378XX01</b>		<b>20369 (S-3017)</b>	
	<i>TNC R/A PLUG CONNECTOR</i> (50Ω, For HPFM-F-185 Cable)		<i>TNC R/A PLUG BULKHEAD CONNECTOR</i> (50Ω, For RG-174/ 316/ 188 Cable )
<b>20436 (S-3081)</b>		<b>21730XX01</b>	
	<i>TNC R/A PLUG CONNECTOR</i> (50Ω, For KX-15/ RG-141/ RG-58 Cable)		<i>TNC R/A JACK BULKHEAD CONN.</i> (50Ω, For RG-174/ 316/ 188 Cable )
<b>20361 (S-3011)</b>			
	<i>TNC R/A PLUG BULKHEAD CONNECTOR</i> (50Ω, For RG-174/ 316/ 188 Cable )		

# QMA SPECIFICATION



## 50 Ω QMA Specifications

Impedance : 50 Ω

Frequency Range : 0 – 6 GHz (max.)

Return Loss : DC - 3 GHz > 32 dB; 3 - 6 GHz > 25 dB









Working Voltage: 500 volts peak

Contact Resistance : Center Contact: ≤ 3 mΩ;

Outer Contact: ≤ 2.5 mΩ

Temperature Range : - 40°C to + 80°C

# QMA CONNECTOR

<b>QMA STRAIGHT JACK CONNECTOR for PCB</b>			
<b>21430XX01/ 21430XX02</b>		<b>21431XX01/ 21431XX02</b>	
	<i>QMA STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (50Ω, H: 13.1mm)		<i>QMA STR. JACK BULKHEAD CONNECTOR PCB MOUNT</i>  (50Ω, H: 15.9mm)
	XX01: Black XX02: White		XX01: Black XX02: White
<b>21469XX01/ 21469XX02</b>		<b>21470XX01/ 21470XX02</b>	
	<i>QMA STR. JACK CONNECTOR PCB MOUNT</i>  (50Ω, H: 13.1mm)		<i>QMA STR. JACK CONNECTOR PCB MOUNT</i>  (50Ω, H: 15.9mm)
	XX01: Black XX02: White		XX01: Black XX02: White

## QMA R/A JACK CONNECTOR for PCB

21432XX01/ 21432XX02

21433XX01/ 21433XX012



*QMA R/A JACK BULKHEAD  
CONNECTOR PCB MOUNT*

*(50Ω, H: 13.1mm)*



XX01: Black

XX02: White



*QMA R/A JACK BULKHEAD  
CONNECTOR PCB MOUNT*

*(50Ω, H: 15.9mm)*



XX01: Black

XX02: White

21471XX01/ 21471XX02

21472XX01/ 21472XX02



*QMA R/A JACK CONNECTOR  
PCB MOUNT*

*(50Ω, H: 13.1mm)*



XX01: Black

XX02: White



*QMA R/A JACK CONNECTOR  
PCB MOUNT*

*(50Ω, H: 15.9mm)*



XX01: Black

XX02: White

## QMA R/A JACK CONNECTOR for Cable

21385XX01

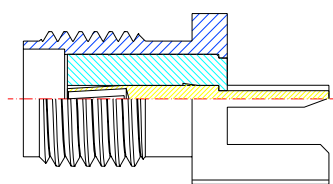
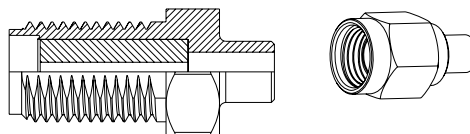


*QMA R/A JACK CONNECTOR*

*(50Ω, For HPFM-F-185  
Cable)*

# SMA SPECIFICATION

## 50 Ω SMA Specifications



Impedance : 50 Ω

Frequency Range : 0 – 6 GHz (max.)

VSWR : 1.3 (max.)

RF Leakage : -60 dB (min.)

Contact Resistance : Center Contact:  $\leq 2.0$  mΩ;

Body:  $\leq 2.0$  mΩ

Braid to body :  $\leq 0.5$  mΩ

Temperature Range : - 55°C to + 85°C

## SMA CONNECTOR

### SMA Straight Bulkhead Jack Connector for Cable

SMA STRAIGHT JACK R/P CONNECTOR / Thread L:11.4mm

20410XX01

20407XX01




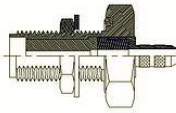






*For 1.13 Dia. Cable*





*For 1.32 Dia. Cable*



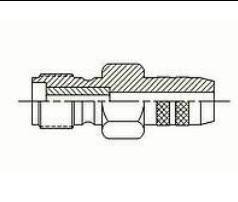
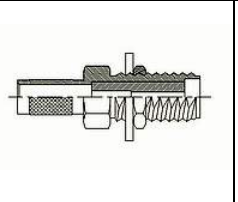

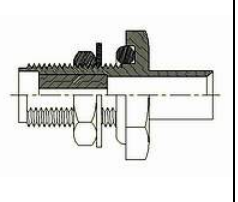

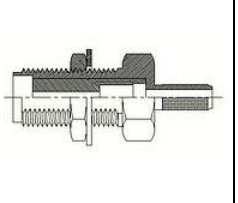
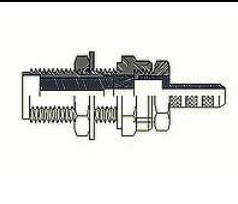
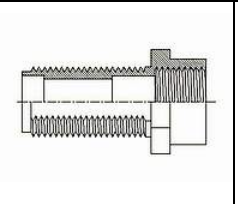
<b>20732XX01</b>		<b>20404XX01</b>	
	<i>For 1.37 Dia. Cable</i>		<i>For RG-178 Cable</i>
<b>21495XX01</b>		<b>20481XX01</b>	
	<i>For RG-174/316/188 Cable</i>		<i>For RG-174/316/188 Cable</i>
<b>N/A</b>			
<b>N/A</b>	<i>For RG-58 Cable</i>		
<b>SMA STRAIGHT JACK R/P CONNECTOR / Thread L:10.0mm</b>			
<b>20411XX01</b>		<b>20408XX01</b>	
	<i>For 1.13 Dia. Cable</i>		<i>For 1.32 Dia. Cable</i>
<b>20733XX01</b>		<b>20405XX01</b>	
	<i>For 1.37 Dia. Cable</i>		<i>For RG-178 Cable</i>
<b>21494XX01</b>		<b>N/A</b>	
	<i>For RG-174/316/188 Cable</i>	<b>N/A</b>	<i>For RG-58 Cable</i>

SMA STRAIGHT JACK CONNECTOR / Thread L:11.4mm			
20714XX01		20248XX01	
	<i>For 1.13 Dia. Cable</i>		<i>For 1.32 Dia. Cable</i>
20712XX01		20710XX01	
	<i>For 1.37 Dia. Cable</i>		<i>For RG-178 Cable</i>
21652XX01		N/A	
	<i>For RG-174/316/188 Cable</i>	N/A	<i>For RG-58 Cable</i>
20380XX01			
	<i>For RG-58 Cable</i>		
SMA STRAIGHT JACK CONNECTOR / Thread L:10.0mm			
20715XX01		20249XX01	
	<i>For 1.13 Dia. Cable</i>		<i>For 1.32 Dia. Cable</i>
20713XX01		20711XX01	
	<i>For 1.37 Dia. Cable</i>		<i>For RG-178 Cable</i>






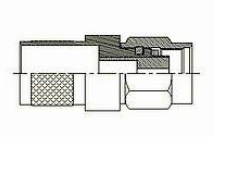
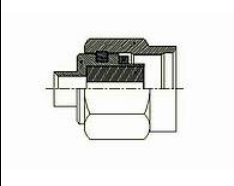
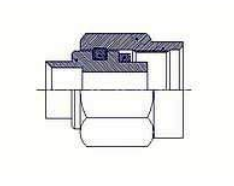
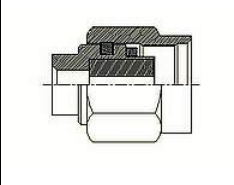
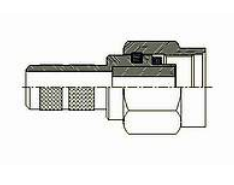
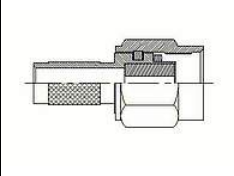
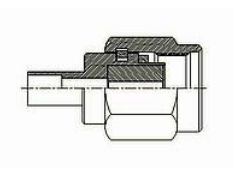


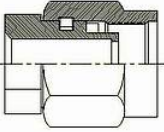
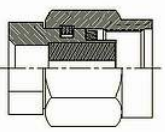
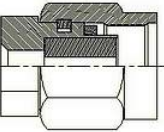
<b>21651XX01</b>		<b>N/A</b>	
	<i>For RG-174/316/188 Cable</i>	<b>N/A</b>	<i>For RG-58 Cable</i>
<b>20463XX01</b>			
	<i>For RG-405(.085) Cable</i>		

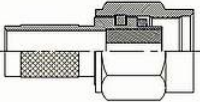
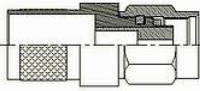
## SMA STRAIGHT JACK CRIMP CONNECTOR for Cable





<b>20351 (S-3004-02)</b>		<b>20380 (S-3032)</b>	
	<i>SMA STRAIGHT JACK CONNECTOR CRIMP  (For RG-58 Cable)</i>		<i>SMA STR. BULKHEAD JACK CONNECTOR CRIMP  (For RG-400 Cable)</i>
<b>20463 (S-3131)</b>		<b>21464 (S-3132)</b>	
	<i>SMA STR. BULKHEAD JACK CONNECTOR  (For RG-405(0.85) Cable)</i>		<i>SMA STR. BULKHEAD JACK CONNECTOR  (For RG-402(0.141) Cable)</i>
<b>20481 (S-3158)</b>		<b>20495 (S-3179)</b>	
	<i>SMA STR. BULKHEAD JACK R/P CONNECTOR  (For RG-402(0.141) Cable)</i>		<i>SMA STR. BULKHEAD JACK CONNECTOR  (For RG-178/U Cable)</i>
<b>20528 (S-3231)</b>		<b>20530 (S-3234)</b>	
	<i>SMA STR. BULKHEAD JACK CONNECTOR CRIMP  (For RG-316U Cable)</i>		<i>SMA STR. BULKHEAD JACK CONNECTOR  (For RG-178/U Cable)</i>

# SMA STRAIGHT PLUG CONNECTOR for Cable

<b>20246XXXX</b>		<b>21306XXXX</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>(For RG-174 to 1.13 Dia. Cable)</i></p>		<p><i>SMA STRAIGHT PLUG PLUG R/P CONNECTOR</i></p> <p><i>(For RG-174 to 1.13 Dia. Cable)</i></p>
<b>21814XX01</b>		<b>20203XX01</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For LMR200 Cable</i></p>		<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-174/316/188 Cable</i></p>
<b>21823XX01</b>		<b>21815XX01</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-178 Cable</i></p>		<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For LMR400 Cable</i></p>
<b>20353(S-3006-01)</b>		<b>20354(S-3006-02)</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-405 (.085) Cable</i></p>		<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-402 (.141) Cable</i></p>
<b>20374(S-3022)</b>		<b>20376(S-3024)</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-405 (.085) Cable</i></p>		<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For LMR-195 Cable</i></p>
<b>20377(S-3029)</b>		<b>20454(S-3120)</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-400 Cable</i></p>		<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-178B/U Cable</i></p>

<b>20461 (S-3127)</b>		<b>S-3128</b>	
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-402 (.141) Cable</i></p>		<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-402 (.141) Cable</i></p>
<b>20462 (S-3130)</b>			
	<p><i>SMA STRAIGHT PLUG CONNECTOR</i></p> <p><i>For RG-405 (.085) Cable</i></p>		


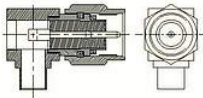
<b>SMA STRAIGHT PLUG R/P CONNECTOR for Cable</b>			
<b>20517 (S-3203)</b>		<b>20517 (S-3203)</b>	
	<p><i>SMA STRAIGHT PLUG R/P CONNECTOR</i></p> <p><i>For LMR200 Cable</i></p>		<p><i>SMA STRAIGHT PLUG R/P CONNECTOR</i></p> <p><i>For LMR400 Cable</i></p>

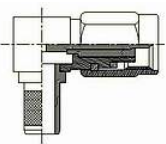
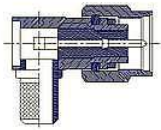
<b>SMA STR. JACK CONNECTOR for PCB MOUNT</b>			
<b>21628XX01</b>		<b>21842</b>	
	<p><i>SMA STR. JACK CONNECTOR for PCB MOUNT</i></p>		<p><i>SMA STR. JACK CONNECTOR RECEPTACLE 4 Hole SQ. FLANGE EXPOSE TFE TYPE</i></p>
<b>21843</b>		<b>20473 (S-3150)</b>	
	<p><i>SMA STR. JACK CONNECTOR RECEPTACLE 2 Hole SQ. FLANGE EXPOSE TFE TYPE</i></p>		<p><i>SMA STR. JACK CONNECTOR RECEPTACLE 4 Hole SQ. FLANGE EXPOSE TFE TYPE</i></p>

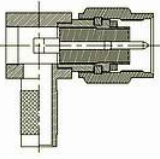
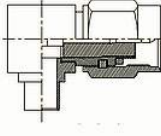
## SMA R/A JACK CONNECTOR for PCB MOUNT

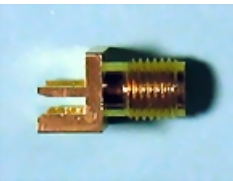

21314XX01		21315XX01/21315XX02	
	<p><i>SMA R/A JACK R/P CONNECTOR for PCB MOUNT</i></p> <p>XX01: Gold Plated; XX02: Ni Plated; XX03: BBR Plated;</p>		<p><i>SMA R/A JACK CONNECTOR for PCB MOUNT</i></p> <p>XX01: Gold Plated; XX02: Ni Plated; XX03: BBR Plated;</p>
			
20028			
	<p><i>SMA R/A JACK CONNECTOR R/P for PCB MOUNT</i></p>		

## SMA R/A PLUG CONNECTOR for Cable

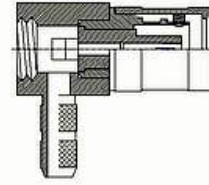
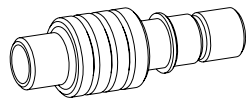
20375 (S-3023)		20359	
	<p><i>SMA R/A PLUG CONNECTOR</i></p> <p><i>For RG-174/316/188 Cable</i></p>		<p><i>SMA R/A PLUG CONNECTOR</i></p> <p><i>For RG-402 (.141) Cable</i></p>

20368 (S-3016)		20375 (S-3023)	
	<p><i>SMA R/A PLUG CONNECTOR</i></p> <p><i>For RG-223/RG-142 Cable</i></p>		<p><i>SMA R/A PLUG CONNECTOR</i></p> <p><i>For LMR-195 Cable</i></p>

<b>20379 (S-3031)</b>		<b>20357 (S-3006-05)</b>	
	<i>SMA R/A PLUG CONNECTOR</i> <i>For RG-400 Cable CRIMP</i>		<i>SMA R/A PLUG CONNECTOR</i> <i>For RG-402 (.141) Cable</i>

<b>SMA STR. JACK CONNECTOR for Cable(H Mount)</b>			
<b>21450XXXX</b>		<b>21867XXXX</b>	
	<i>SMA STRAIGHT JACK CONNECTOR for PCB</i>  <i>(H MOUNT)</i>		<i>MCX STRAIGHT JACK CONNECTOR for PCB</i>  <i>(H Mount)</i>

# SMB SPECIFICATION



## SMB Specifications

Impedance : 50  $\Omega$

Frequency Range : 0 - 4 GHz (max.)

VSWR : 1.35 (max.)

Insulation Resistance : 1,000 M $\Omega$  (min.)

Temperature Range : - 45°C to + 85°C

## *SMB CONNECTOR*

### **SMB STR. CONNECTOR for Cable**

21096

21176



*SMB STRAIGHT JACK  
CONNECTOR KIT*

*(For 1.32 Dia. Cable)*



*SMB STRAIGHT JACK  
CONNECTOR KIT*

*(For RG-178 Cable)*

21178

21193



*SMB STRAIGHT JACK  
CONNECTOR KIT*


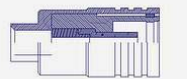


*(For 1.52 Dia. Cable)*



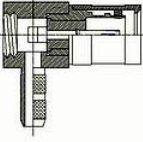
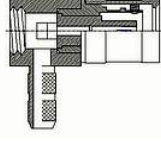
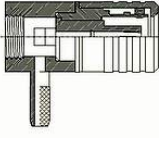
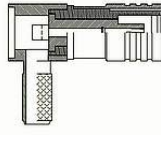
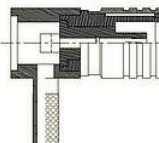
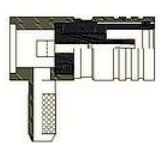
*SMB STRAIGHT JACK  
CONNECTOR KIT*

*(For RG-316 Cable)*




<b>20362</b>		<b>20471</b>	
	<i>SMB STR. PLUG CONNECTOR (For RG-316 Cable)</i>		<i>SMB STR. PLUG CONNECTOR For RG-405(.085) Cable</i>
<b>20539 (S-3247)</b>		<b>S-3087</b>	
	<i>SMB STR. PLUG CONNECTOR CRIMP (For RG-316 Cable)</i>		<i>SMB STR. PLUG CONNECTOR CRIMP (For RG-316 Cable)</i>

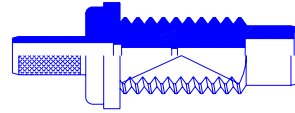
## SMB R/A CONNECTOR for Cable

<b>20263 (S-3013-01)</b>		<b>20364 (S-3013-02)</b>	
	<i>SMB R/A PLUG CONNECTOR  (75Ω, For RG-179 Cable)</i>		<i>SMB R/A PLUG CONNECTOR  (50Ω, For RG-174/RG-316 Cable)</i>
<b>20365 (S-3014)</b>		<b>20527 (S-3241)</b>	
	<i>SMB R/A PLUG CONNECTOR  (50Ω, For RG-178/RG-196 Cable)</i>		<i>SMB R/A PLUG CONNECTOR  (50Ω, For RG-316 Cable)</i>
<b>20532 (S-3241)</b>		<b>20538 (S-3246)</b>	
	<i>SMB R/A PLUG CONNECTOR  (50Ω, For RG-316 Cable)</i>		<i>SMB R/A PLUG CONNECTOR CRIMP  (50Ω, For RG-316 Cable)</i>

## SMB STR. CONNECTOR for PCB MOUNT

<b>21629XX01</b>			
	<i>SMB STR. JACK CONNECTOR for PCB MOUNT</i>		

# SMC SPECIFICATION



## SMC Specifications

Impedance : 50  $\Omega$

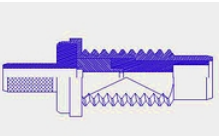
Frequency Range : 0 - 4 GHz (max.)

VSWR : 1.35 (max.)

Insulation Resistance : 1,000 M $\Omega$  (min.)

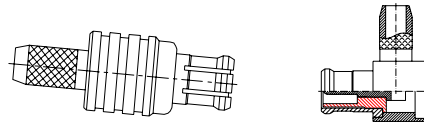
Temperature Range : - 45°C to + 85°C (Ref.)

## *SMC CONNECTOR*

<b>SMC STR. CONNECTOR for Cable</b>	
20115	
	<i>SMC STRAIGHT JACK BULKHEAD CONNECTOR CRIMP TYPE  (50<math>\Omega</math>, For RD-178 Cable)</i>



# MCX SPECIFICATION



## MCX Specifications

Impedance : 50  $\Omega$

Frequency Range : 0 – 6 GHz (max.)

Dielectric Withstanding Voltage: 1,000 volts

VSWR : 1.35 (max.)



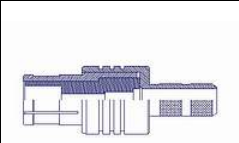
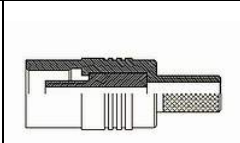
Center Contact Resistance : 5 m $\Omega$

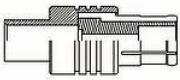
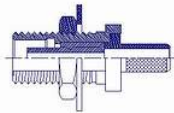
Outer Contact Resistance : 1.0 m $\Omega$

Insulation Resistance : 5,000 M  $\Omega$  (min.)




Temperature Range : - 45°C to + 85°C

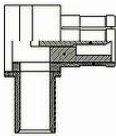

## MCX CONNECTOR

<b>MCX STRAIGHT CONNECTOR for Cable</b>			
21475		21612XX01	
	<i>MCX STRAIGHT PLUG CONNECTOR</i>  <i>(For LMR-100 Cable)</i>		<i>MCX STRAIGHT PLUG CONNECTOR</i>  <i>For RG-174/316/188 Cable</i>
20465 (S-3134)		20466 (S-3135)	
	<i>MCX STRAIGHT PLUG CONNECTOR</i>  <i>For RG-316 Cable</i>		<i>MCX STRAIGHT JACK CONNECTOR</i>  <i>For RG-316 Cable</i>


<b>20442 (S-3090)</b>		<b>20467 (S-3136)</b>	
	<i>MCX STRAIGHT PLUG CONNECTOR</i>		<i>MCX STR. BULKHEAD JACK CONNECTOR</i>
	<i>For RG-405(.085) Cable</i>		<i>For RG-316 Cable</i>

## MCX R/A CONNECTOR for Cable


<b>21613XXXX</b>		<b>21476</b>	
	<i>MCX R/A PLUG CONNECTOR</i>		<i>MCX R/A PLUG CONNECTOR</i>
	<i>For RG-174/316/188 Cable</i>		<i>For LMR-100 Cable</i>
	XX01: Gold Plating; XX02: Ni Plating; XX03: BBR Plating.		

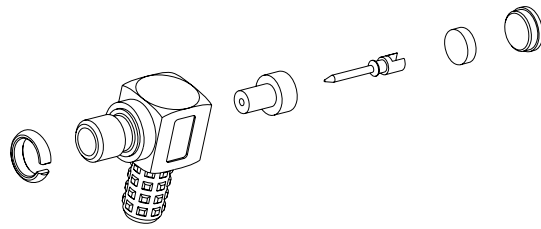
<b>20444 (S-3092)</b>		<b>20443 (S-3091)</b>	
	<i>MCX R/A PLUG CONNECTOR</i>		<i>MCX R/A PLUG CONNECTOR</i>
	<i>For RG-405(.085) Cable</i>		<i>For RG-402(.141) Cable</i>

## MCX STR. JACK CONNECTOR for PCB

<b>21800XX01</b>			
	<i>MCX STRAIGHT JACK for Surface Mount</i>		

## MCX STR. JACK CONNECTOR for SMT TYPE

<b>21799XXXX</b>			
	<i>MCX STRAIGHT JACK for Surface Mount</i>		
	<i>(For 75Ω, SMT Type)</i>		



## MMCX Specifications



Impedance : 50  $\Omega$

Frequency Range : 0 – 6 GHz (max.)




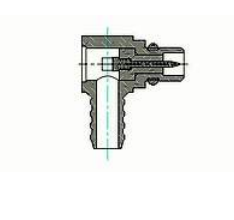

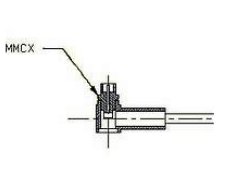
VSWR : 1.25 (max.)


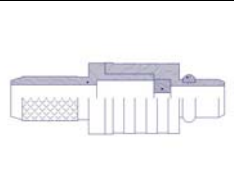
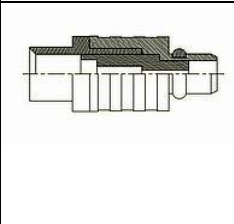
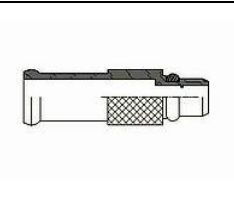
Insulation Resistance : 500 M $\Omega$

Center Contact Resistance : 10 m $\Omega$ ;

Outer Contact Resistance : 5 m $\Omega$ ;

Temperature Range : - 45°C to + 85°C

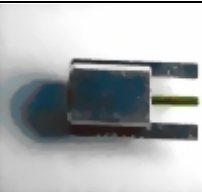
<b>MMCX R/A PLUG CONNECTOR for Cable</b>			
<b>20097XXXX</b>		<b>20098XXXX</b>	
	<i>MMCX R/A PLUG CONNECTOR (For RG-178 Cable)</i>		<i>MMCX R/A PLUG CONNECTOR For RG-174/316/188 Cable</i>
<b>20081 (S-3251)</b>		<b>20455 (S-3121)</b>	
	<i>MMCX R/A PLUG CONNECTOR For RG-174/316/188 Cable</i>		<i>MMCX R/A PLUG R/P CONNECTOR For RG-174/316/188 Cable</i>
<b>20472</b>		<b>20518</b>	
	<i>MMCX R/A PLUG CONNECTOR For RG-174/316/188 Cable</i>		<i>MMCX R/A CABLE ASSEMBLY For RG-178 Cable</i>

<b>MMCX STR. PLUG CONNECTOR for Cable</b>			
<b>21457XXXX</b>		<b>20453 (S-3117)</b>	
	<i>MMCX STRAIGHT PLUG CONNECTOR For RG-174/316/188 Cable</i>		<i>MMCX STRAIGHT PLUG R/P CONNECTOR For RG-174/316/188 Cable</i>
<b>S-3184</b>		<b>20128 (S-3184)</b>	
	<i>MMCX STRAIGHT PLUG CONNECTOR For RG-405(.805) Cable</i>		<i>MMCX STRAIGHT PLUG CONNECTOR For RG-405(.805) Cable</i>

## MMCX STR. JACK CONNECTOR

21372

21369



*MMCX STRAIGHT JACK  
CONNECTOR*

*(For EDGE MOUNT)*



*MMCX STRAIGHT JACK  
CONNECTOR*

*(For PCB MOUNT)*

## MMCX R/A JACK CONNECTOR for PCB

21803XX01



*MMCX R/A JACK CONNECTOR  
for PCB Mount*