

# MOLEX RF Connectors

## BNC CONNECTORS

These are small, lightweight, weatherproof miniature connectors. The two stud bayonet coupling system of the BNC yields an easy-to-use, quick connecting/disconnecting device.

- Features:**
- Miniature
  - Bayonet lock coupling
  - Weatherproof
- Specifications:**
- Frequency Range: dc-4GHz
  - Voltage Rating: 500Vrms
  - Contact Plating: Gold
  - Temperature: -65 to +165°C
  - Mounting: PCB

### BNC PCB Jacks

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Impedance	PCB Mounting	Body Plating	Description	Price Each			
							1	10	25	50
538-73100-0153	73100-0153	A	50	Vertical	Nickel	Brass Body, .175" Legs				
538-73101-0030	73101-0030	B	75	Vertical	Nickel	Bulkhead, Metal Body, Fork Pins				
538-73100-0105	73100-0105	C	50	Right Angle	Nickel	Narrow Profile, .118" Legs				
538-73131-5003	73131-5003	D	50	Vertical	Nickel	Bulkhead, Black Valox Body				
538-73137-5003	73137-5003	E	50	Right Angle	Nickel	Bulkhead, Black Valox Body				
538-73100-0067	73100-0067	E	75	Right Angle	Nickel	Bulkhead, Black Valox Body				
538-73100-0069	73100-0069	E	75	Right Angle	Nickel	Bulkhead, White Valox Body				
538-73101-0040	73101-0040	E	75	Right Angle	Nickel	Bulkhead, Metal Body				
538-73101-0120	73101-0120	F	75	Right Angle	Nickel	Bulkhead, Metal Body, Low Profile				

## SMA CONNECTORS

SMA Connectors are high performance subminiature connectors for the microwave frequencies. These connectors are typically specified to operate up to 18GHz but will function mode free to 25GHz. The screw threaded coupling insures uniform contact of the outer conductors, which enables the SMA to minimize reflections and attenuation at higher frequencies while providing a high degree of mechanical strength and durability.

- Features:**
- Subminiature
  - Threaded coupling
- Specifications:**
- Frequency Range: dc - 18GHz
  - Voltage Rating: 335Vrms
  - Temperature: -65 to +165°C
  - Contact Plating: Gold
  - Impedance: 50Ω

### Plugs

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Body Material	Plating	RG Cable	Mounting	Price Each			
							1	10	25	50
<b>Straight</b>										
538-73251-0450	73251-0450	G	Brass	Gold	174, 179, 187, 188, 316, LMR100 Belden 7805	Standard				
538-73251-0151	73251-0151	G	Stainless Steel	Passivated	174, 179, 187, 188, 316, LMR100 Belden 7805	Standard				
538-73251-0031	73251-0031	G	Stainless Steel	Gold	.141 Semi-Rigid	Standard				
<b>Right Angle</b>										
538-73391-0230	73391-0230	H	Brass	Gold	174, 179, 187, 188, 316, LMR100 Belden 7805	Standard				

### Jacks

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Body Material	Plating	Description	Price Each				
						1	10	25	50	
538-73391-0070	73391-0070	I	Brass	Gold	Vertical PCB, .157" Legs					
538-73391-0080	73391-0080	J	Zinc (Diecast)	Nickel	Right Angle PCB, .155" Legs					
538-73100-0114	73100-0114	J	Brass	Gold	Right Angle PCB, .155" Legs					
538-73251-0420	73251-0420	K	Stainless Steel	Passivated	2 hole flange, Blunt post					
538-73251-0250	73251-0250	K	Stainless Steel	Passivated	2 hole flange, Solder cup					
538-73251-0410	73251-0410	L	Stainless Steel	Passivated	4 hole flange, Blunt post					

## SMB CONNECTORS

These are a subminiature connector series designed for applications operating to 4 GHz. This series includes a snap on interface that is controlled by industry standard specifications and is easy to connect and disconnect.

- Features:**
- Subminiature
  - Snap-on coupling
- Specifications:**
- Frequency Rating: dc-4GHz
  - Voltage Rating: 500Vrms
  - Temperature: -65 to +165°C
  - Body Material: Brass
  - Plating: Gold

### Plugs

- Center contact solder termination
- Crimp braid termination

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Type	RG Cable	Impedance	Price Each			
						1	10	25	50
538-73100-0248	73100-0248	M	Straight solder/crimp cable	174, 179, 187, 188, 316	50 Ohm				
538-73100-0257	73100-0257	N	Right angle solder/crimp cable	174, 188, 316	50 Ohm				

### Jacks

- PCB Standoffs

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Type	Mounting	Impedance	Price Each			
						1	10	25	50
538-73100-0207	73100-0207	O	Vertical PCB, .155" Legs	PCB	50 Ohm				
538-73100-0103	73100-0103	P	Right Angle PCB, .118" Legs	PCB	50 Ohm				

## MMCX CONNECTORS

### Plugs

- Cable crimp
- Impedance: 50Ω
- Plating: Gold

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Type	RG Cable	Mounting	Price Each			
						1	10	25	50
538-73415-1251	73415-1251	Q	Straight	174, 316, LMR100, Belden 7805	Standard				
538-73415-1121	73415-1121	R	Right Angle	174, 316, LMR100, Belden 7805	Standard				

### Jacks

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Type	Mounting	Price Each				
					1	10	25	50	
538-73415-2061	73415-2061	S	Vertical, Surface Mount	PCB					
538-73415-1471	73415-1471	T	Vertical, Surface Mount, .119" Legs	PCB					
538-73415-1001	73415-1001	U	Right Angle, .118" Legs	PCB					

