



# BNC Series

The BNC Series consists of small, lightweight connectors with a two-stud quick disconnect bayonet locking system. One of the most popular and versatile series, it is for use on small and medium size cables and comes in a wide variety of styles. They are suitable for many applications including Radio, Telecommunications, Test Instrumentation and Computer Networks.

## Electrical Specification: MIL-C-39012 Paragraph

Impedance:	50Ω, 75Ω	
Frequency Range:	DC - 4GHz DC - 1GHz	
Contact Current:	DC 3.5A Max.	
Voltage Rating:	500V RMS	
Contact Resistance:	Center contacts 2.0 mΩ Outer contacts 1.0 mΩ	(3-16)
Insulation Resistance:	5000 MΩ, min.	(3-11)
Insertion Loss:	<0.3dB max. 3000 MHz	(3-27)
VSWR:	≤ 1.15 (return loss better than 23.0 dB)	(3-14)

<b>Mechanical Data:</b>		
Coupling Torque:	0.07 Nm min ~ 0.25 Nm max	
Inner Conductor Retention Force Axial:	27 N	
Durability:	500 matings	(3-15)
Coupling Nut Retention Force:	44.5 daN	(3-25)
Environmental Data:		
Temperature Range:	-55°C ~ +125°C	
Corrosion Resistance:		(3-13)
MIL-STD-202 Method 101 Condition B		
Temperature Cycling Tests:		(3-20)
MIL-STD-202 Method 107 Condition B		
Shock:		(3-19)
MIL-STD-202 Method 213 Condition G		
Vibration:		(3-18)
MIL-STD-202 Method 204 Condition B		

<b>Materials:</b>	
Bodies and Male Center Contacts:	Brass
Female Center Contacts:	Beryllium Copper
Insulators:	PTFE Teflon
Gasket:	Silicon Rubber
Ferrules:	Brass

<b>Platings</b>	
Bodies:	Nickel
Center Contacts:	Gold



E191630  
\*Consult Factory

Methode offers additional products and options, not illustrated in the catalog. Please contact the factory if you require additional assistance to resolve your design needs.



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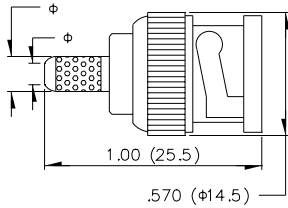


# BNC Series

## MB01

RG58/U RG59/U RG6/U RG213/U

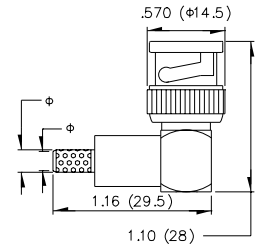
BNC MALE CRIMP



## MB05

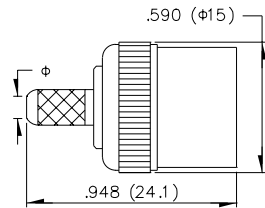
RG58/U RG59/U RG6/U

BNC MALE RIGHT ANGLE CRIMP TYPE



## MB01F

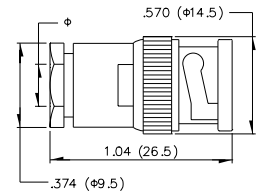
BNC MALE CRIMP ON IF TYPE



## MB06

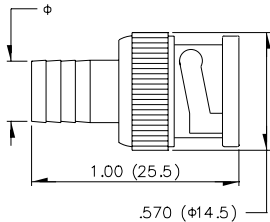
RG58/U RG59/U RG6/U.5C

BNC MALE CLAMP



## MB02

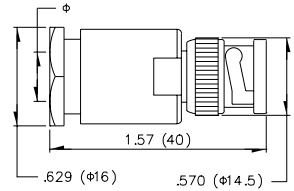
BNC MALE, QUICK CRIMP



## MB07

RG58/U RG59/U RG213/U

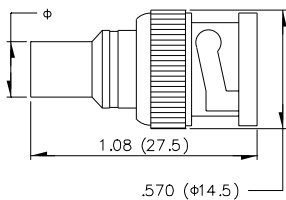
BNC MALE CLAMP



## MB03

RG58/U RG59/U RG6/U RG174/U

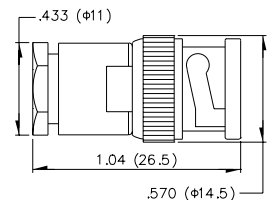
BNC MALE MOLDED & CRIMP (OD: 9.5 M/M.)



## MB08

RG58/U RG59/U RG6/U

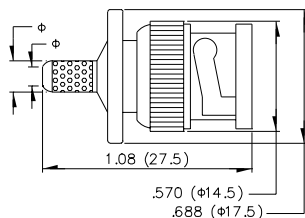
BNC MALE CLAMP



## MB04

RG58/U RG59/U RG6/U

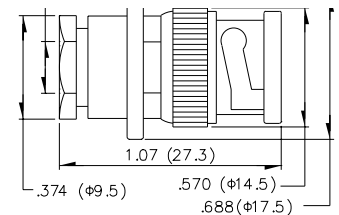
BNC MALE CRIMP TYPE PANEL



## MB09

RG58/U RG59/U RG6/U

BNC MALE CLAMP PANEL



North and South America:

**Methode Electronics, Inc. Connector Products**

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847-392-3500 • Toll Free: 800-323-6864 • Fax: 847-392-9404

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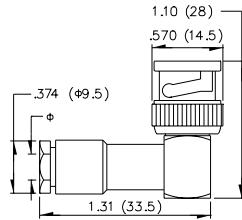


# BNC Series

## MB10

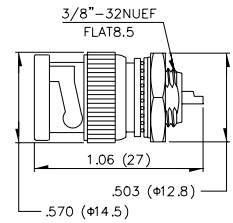
RG58/U RG59/U RG6/U

BNC MALE RIGHT ANGLE CLAMP



## MB15

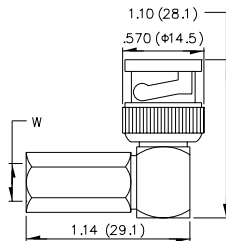
BNC MALE SOLDER BULKHEAD



## MB11

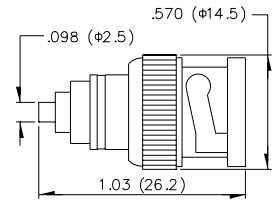
RG58/U RG59/U RG6/U

BNC MALE RIGHT ANGLE TWIST ON



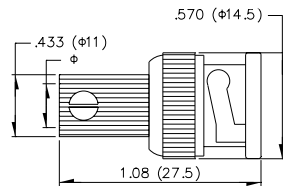
## MB15M

BNC MALE MOLDED



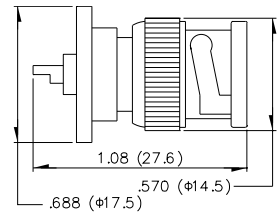
## MB12S

BNC MALE RAPID CONNECT



## MB16

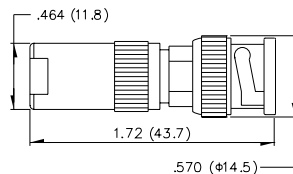
BNC MALE PANEL MOUNT



## MB14

RG6/U

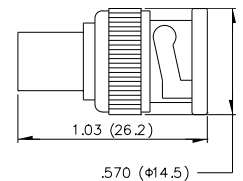
BNC MALE CLAMP LOCK TYPE



## MB17

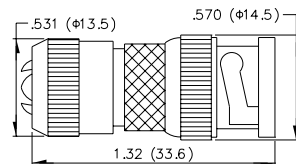
500HM 750HM 930HM

BNC MALE TERMINATOR 1/4W



## MB14S

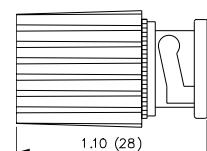
BNC MALE LOCK COMMON TYPE



## MB17F

500HM 750HM 930HM

BNC MALE TERMINATOR 1/2W



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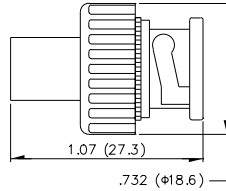


# BNC Series

## MB17R

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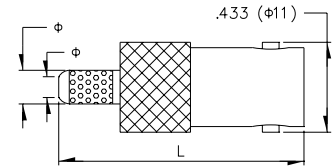
BNC MALE TERMINATOR 1/2W



## MB22

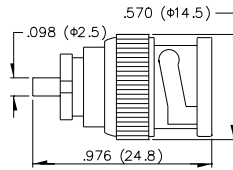
RG58/U RG59/U RG6/U RG174/U

BNC FEMALE CRIMP



## MB18

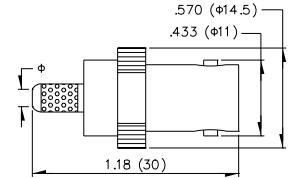
BNC MALE MOLDED



## MB22M

RG58/U RG59/U RG6/U RG174/U

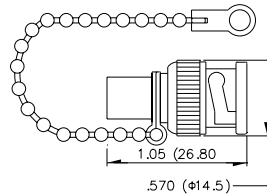
BNC FEMALE CRIMP



## MB19CAP

500HM 750HM 930HM

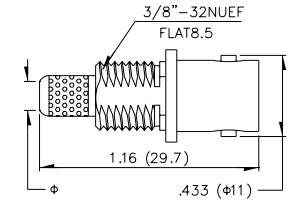
BNC TERMINATOR & PROTECTIVE CAP



## MB22R

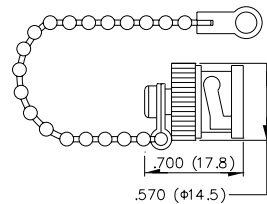
RG58/U RG59/U RG6/U RG174/U

BNC FEMALE BULKHEAD CRIMP



## MB20CAP

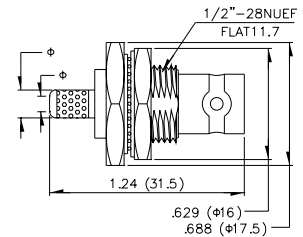
PROTECTIVE CAP FOR BNC FEMALE



## MB23

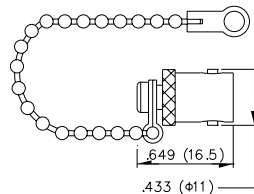
RG58/U RG59/U RG6/U RG174/U

BNC FEMALE BULKHEAD CRIMP



## MB21CAP

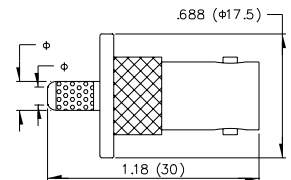
PROTECTIVE CAP FOR BNC MALE\*



## MB24

RG58/U RG59/U RG6/U RG174/U

BNC FEMALE CRIMP PANEL



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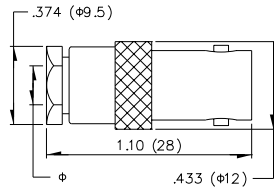


# BNC Series

## MB25

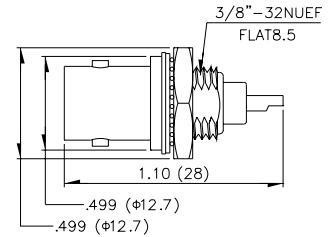
RG58/U RG59/U RG6/U

### BNC FEMALE CLAMP



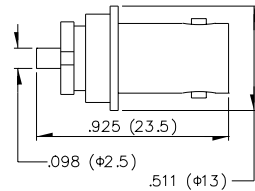
## MB31

### BNC FEMALE BULKHEAD



## MB27

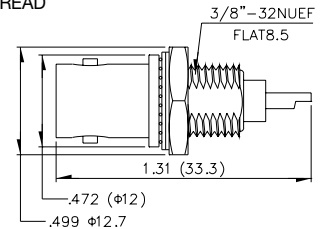
### BNC FEMALE MOLDED



## MB32

With washer & nut W/O washer & nut

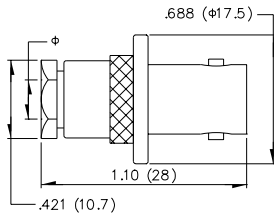
### BNC FEMALE BULKHEAD, LONG THREAD



## MB29

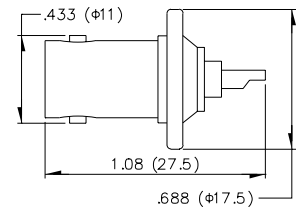
RG58/U RG59/U RG6/U

### BNC FEMALE PANEL CLAMP



## MB33

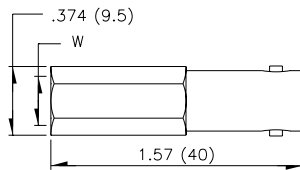
### BNC FEMALE CHASSIS MOUNT



## MB30

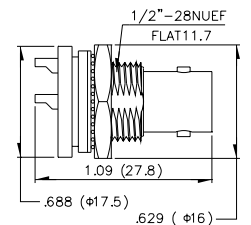
RG58/U RG59/U RG6/U

### BNC FEMALE TWIST ON



## MB34

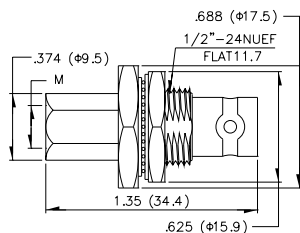
### BNC FEMALE BULKHEAD MOUNT



## MB30M

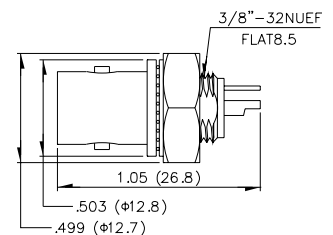
RG58/U RG59/U RG6/U

### BNC FEMALE BULKHEAD TWIST ON



## MB35

### BNC FEMALE ISOLATED GROUND BULKHEAD



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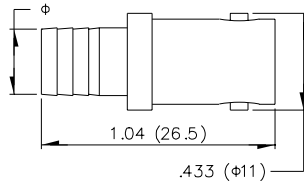


# BNC Series

## MB36

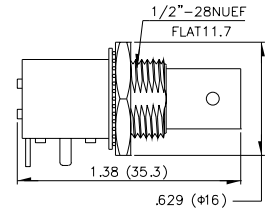
RG58/U RG59/U RG6/U

BNC FEMALE QUICK CRIMP



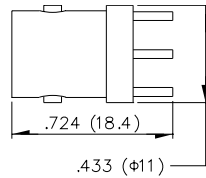
## MB44

BNC FEMALE RIGHT ANGLE PC BOARD MOUNT



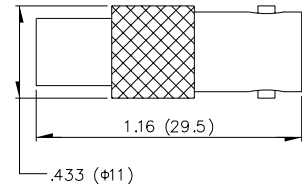
## MB38

BNC FEMALE PC BOARD MOUNT



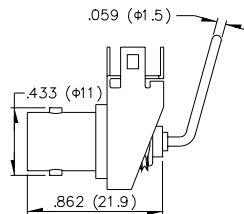
## MB45

BNC FEMALE TERMINATOR



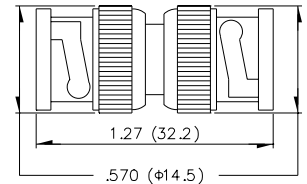
## MB39

BNC FEMALE CHASSIS PC BOARD MOUNT



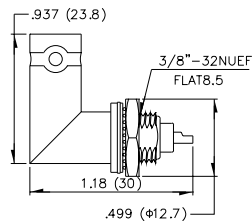
## MB46

BNC DOUBLE MALE



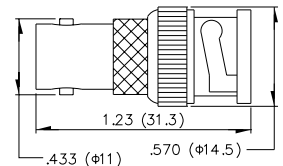
## MB41

BNC RIGHT ANGLE FEMALE BULKHEAD



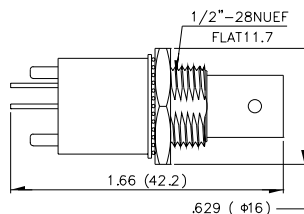
## MB47

BNC MALE TO BNC FEMALE



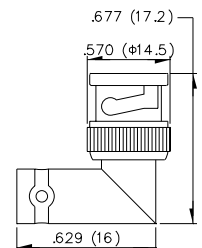
## MB43

BNC FEMALE VERTICAL PC BOARD MOUNT



## MB48

BNC RIGHT ANGLE MALE TO BNC FEMALE



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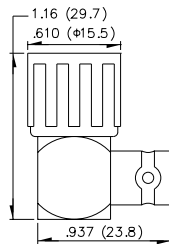
Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



# BNC Series

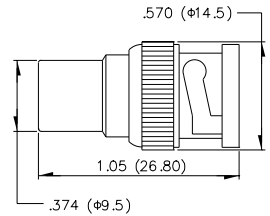
## MB48M

BNC RIGHT ANGLE MALE  
TO BNC FEMALE



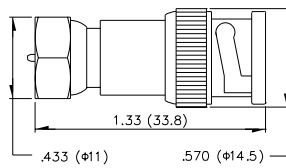
## MB53

BNC MALE TO PAL MALE



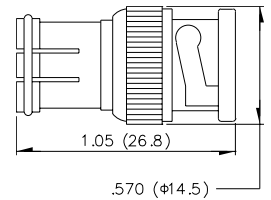
## MB49

BNC MALE TO F MALE



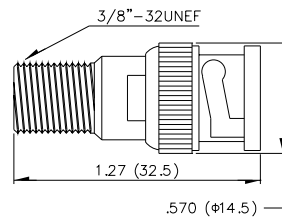
## MB54

BNC MALE TO PAL QUICK FEMALE



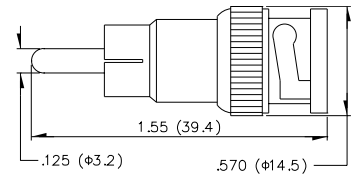
## MB50

BNC MALE TO F FEMALE



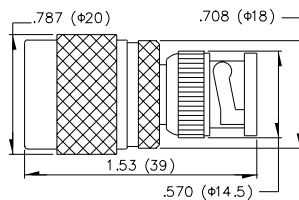
## MB55

BNC MALE TO RCA MALE



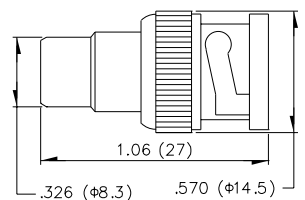
## MB51

BNC MALE TO N MALE



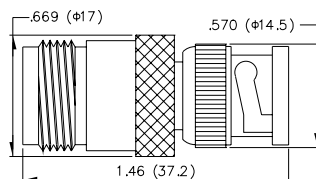
## MB56

BNC MALE TO RCA FEMALE



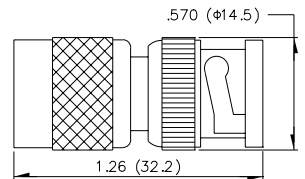
## MB52

BNC MALE TO N FEMALE



## MB57

BNC MALE TO TNC MALE



North and South America:

**Methode Electronics, Inc. Connector Products**

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Far East:

**Methode Electronics Far East, Pte. Ltd.**

1 Tuas Lane, Jurong Town • Singapore 638610

65-68615444 • Fax: 65-68614777

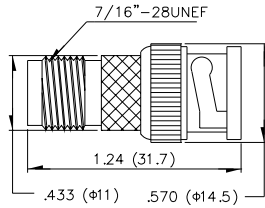
Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



# BNC Series

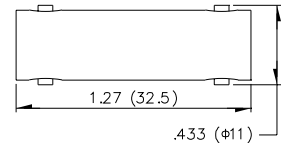
## MB58

BNC MALE TO TNC FEMALE



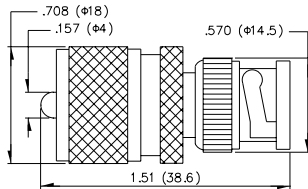
## MB61M

BNC DOUBLE FEMALE



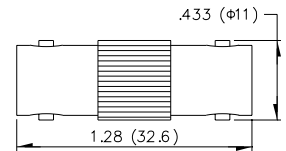
## MB59

BNC MALE TO UHF MALE



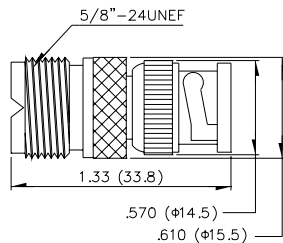
## MB61R

BNC DOUBLE FEMALE



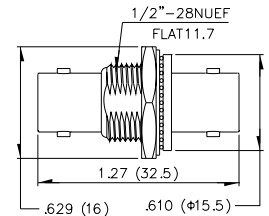
## MB60

BNC MALE TO UHF FEMALE



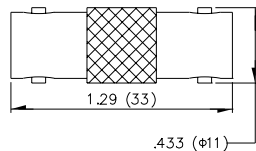
## MB62

BNC DOUBLE FEMALE BULKHEAD



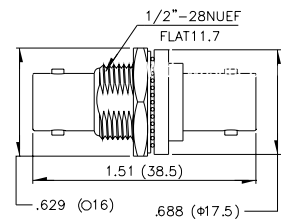
## MB61

BNC DOUBLE FEMALE



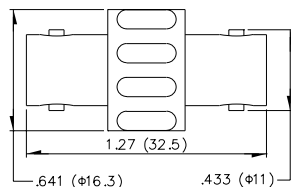
## MB63

BNC FEMALE TO BNC FEMALE (LONG THREAD)



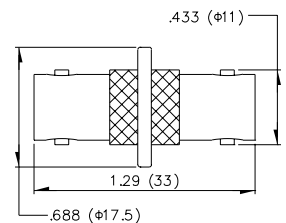
## MB61F

BNC DOUBLE FEMALE IF TYPE



## MB64

BNC DOUBLE FEMALE PANEL RECEPTACLE



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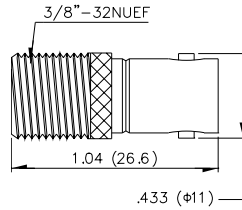




# BNC Series

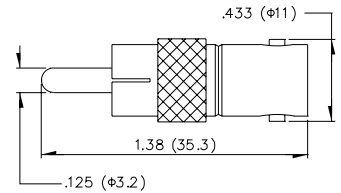
## MB66

BNC FEMALE TO F FEMALE



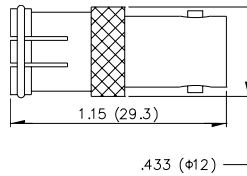
## MB71

BNC FEMALE TO RCA MALE



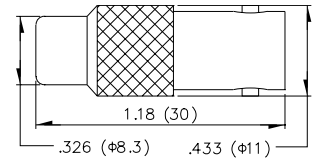
## MB67

BNC FEMALE TO F QUICK MALE



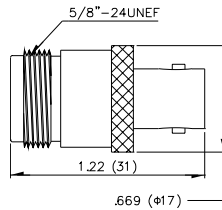
## MB72

BNC FEMALE TO RCA FEMALE



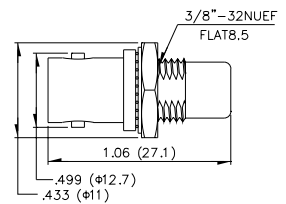
## MB68

BNC FEMALE TO N FEMALE



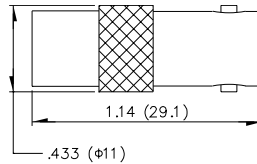
## MB72M

BNC FEMALE TO RCA FEMALE BULKHEAD



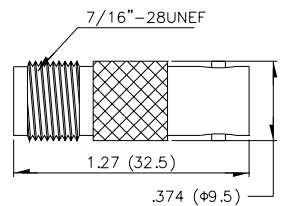
## MB69

BNC FEMALE TO PAL MALE



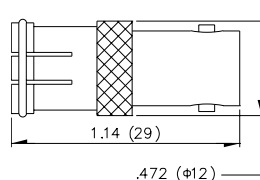
## MB73

BNC FEMALE TO TNC FEMALE



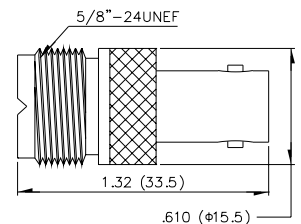
## MB70

BNC FEMALE TO PAL QUICK FEMALE



## MB74

BNC FEMALE TO UHF FEMALE



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Far East:

**Methode Electronics Far East, Pte. Ltd.**

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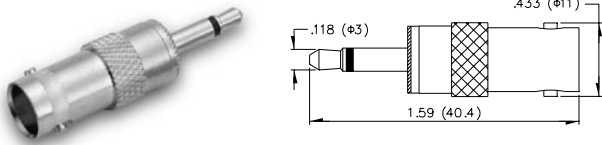
Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



# BNC Series

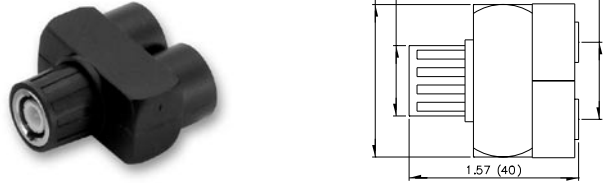
## MB75

BNC FEMALE TO 3.5 MO MALE



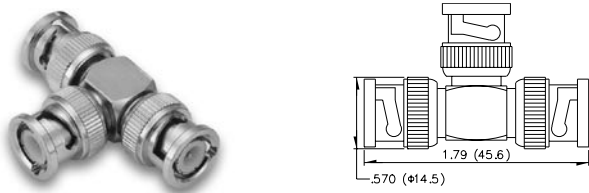
## MB77S

BNC MALE TO BNC DOUBLE FEMALE



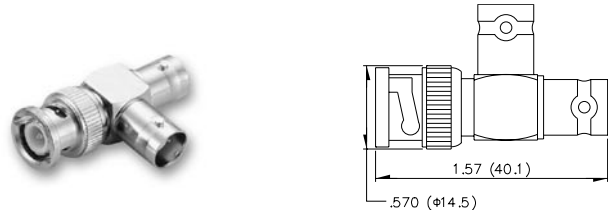
## MB76

BNC TRIPLE MALE



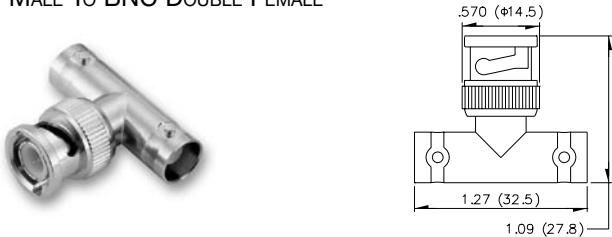
## MB78

BNC MALE TO BNC DOUBLE FEMALE



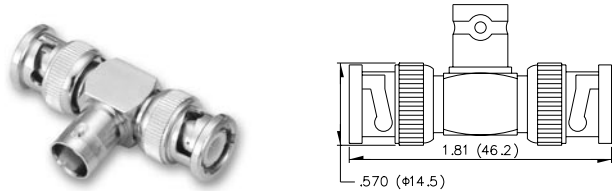
## MB77

BNC MALE TO BNC DOUBLE FEMALE



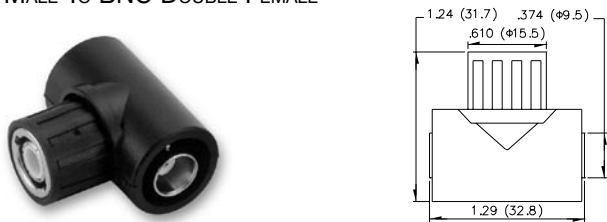
## MB79

BNC FEMALE TO BNC DOUBLE MALE



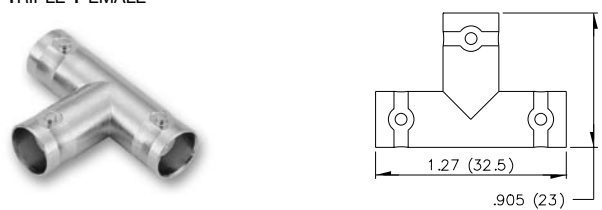
## MB77F

BNC MALE TO BNC DOUBLE FEMALE



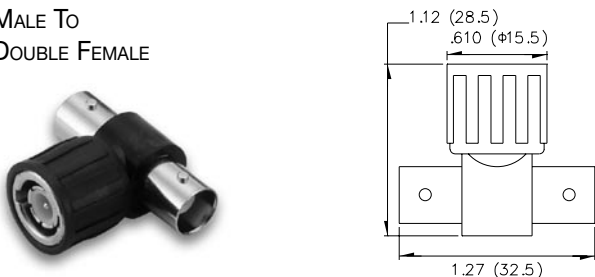
## MB80

BNC TRIPLE FEMALE



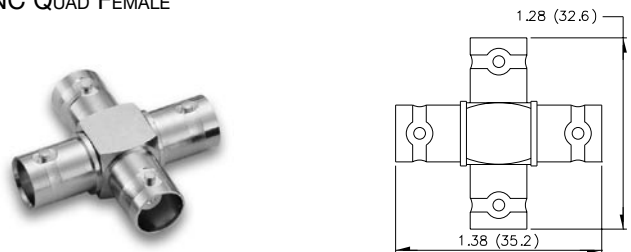
## MB77M

BNC MALE TO BNC DOUBLE FEMALE



## MB81

BNC QUAD FEMALE



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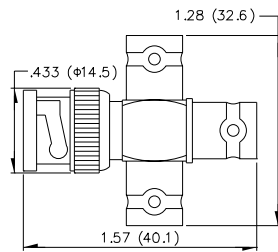
Email: sales@methode.com.sg • Web: www.methode.com/mefe/index.html



# BNC Series

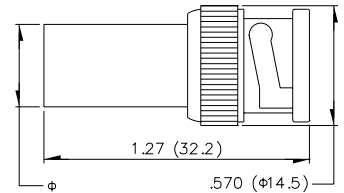
## MB82

BNC TRIPLE FEMALE TO BNC MALE



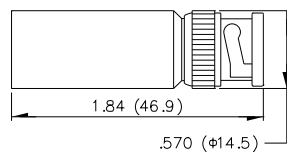
## MB90

BNC MALE



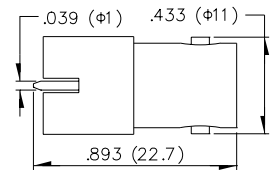
## MB84

BNC MALE ANTENNA MOUNT



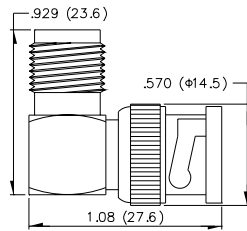
## MB91

BNC FEMALE PC MOUNT



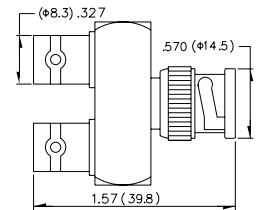
## MB85

BNC RIGHT ANGLE MALE TO TNC FEMALE



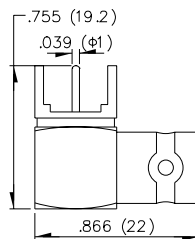
## MB92

BNC Y ADAPTERS (F/M/F)



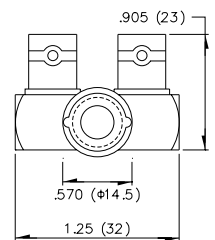
## MB86

BNC RIGHT ANGLE FEMALE PC MOUNT



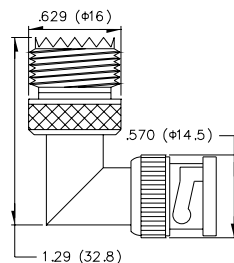
## MB93

BNC RIGHT ANGLE Y ADAPTER (F/M/F)



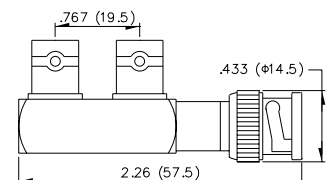
## MB89

BNC RIGHT ANGLE MALE TO UHF FEMALE



## MB94

BNC F ADAPTER (M/F/F)



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# RF/Microwave/Coax Connectors



**F SERIES**



**TNC SERIES**



**N SERIES**



**MINI-UHF SERIES**



**UHF SERIES**



**SMA SERIES**



**RCA SERIES**



**SMB SERIES**



**PAL SERIES**



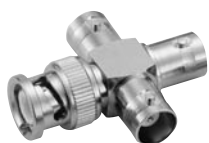
**MCX SERIES**



**FME SERIES**



**MMCX SERIES**



**BNC SERIES**

## PART NUMBER LEGEND

**MX(X) - XXX - X - XX - XX**

### IMPEDANCE

- 50 = 50Ω
- 75 = 75Ω
- 95 = 95Ω

### CABLE GROUP / MOUNTING STYLE

- 00 = PCB Mount
- 01 = 55U/58/58A/58C/140U/141/141A/142U/223U/303
- 02 = 58 Teflon/58 Thinnet/Belden® 9907
- 03 = 59/59A/59B/62/62AU/62B/62C/210
- 04 = 59 Teflon
- 05 = 174U/188A/316U
- 06 = 179U/187U
- 07 = 8/8A/213/214/11/11A
- 08 = 6/6A/143/212
- 09 = Belden® 8227/89207
- 10 = .141 Semi-Rigid
- 11 = .085/.086 Semi-Rigid
- 12 = Bulkhead Mount
- 13 = Chassis Mount
- 14 = Panel Mount

### INSULATOR TYPE

- T = Teflon
- D = Delrin
- PP = Polypropylene

### TYPE

001 through 999

### SERIES

- B = BNC
- T = TNC
- MU = MINI-UHF
- TN = TWINAX
- SA = SMA
- SB = SMB
- MC = MCX
- MX = MMCX
- F = F
- N = N
- U = UHF
- R = RCA
- MR = MINI-RCA
- FM = FME
- P = PAL TV
- SC = SMC
- 7 = DIN 7/16



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