

BNC 50 Ω , N, M, TNC, Series



BNC 50 Ω , N, M, TNC, Features

- High quality Sam Woo medium-size coaxial connectors provide best performance for various applications.
- 75 Ω products available upon request.

Adapter Basic Features

- Between-series adapter,
 - BNC-N
 - BNC-SMA
 - N-M
 - N-TNC
 - BNC-M
 - BNC-TNC
 - N-SMA
- Other Types available upon request.

Major Performance

BNC 50 Ω	Impedance	50 Ω		Contact resistance	Center Contacts	3,0m Ω	
	Frequency range	Semi-rigid	DC 18GHz		Insulation resistance	5000M Ω min	
		Flexible	DC 12,4GHz	Insertion loss		0,05 f(GHz)db	
	Contact current	DC 2,0A max			V,S,W,R	<1,15+0,02f(GHz)	
Working voltage	Semi-rigid	1000V		RF leakage	-60dB min@2-3GHz		
	Flexible	750V					
N	Impedance	50 Ω		Insulation resistance	1000M Ω min		
	Frequency range	DC to 4GHz		Insertion loss	0,6dB max		
	Contact current	DC 1,5A max			V,S,W,R	Straight	1,3+0,04f
	Voltage rating	250V R,M,S		Right-angle		1,4+0,06f	
		Contact resistance	Center Contacts	0,3m Ω		RF leakage	-55dB min, between 2 to 3 GHz
Outer Contacts	0,5m Ω						
M	Impedance	50 Ω		Contact resistance	Center Contacts	5m Ω	
	Frequency range	up to 2 GHz			Outer Contacts	1m Ω	
	Contact current	DC 1,5A		Insulation resistance	1000M Ω min		
	Voltage rating	250V R,M,S			V,S,W,R	Straight	1,3 max
		Right-angle	1,35 max				
TNC	Impedance	50 Ω		Contact resistance	Center Contacts	5m Ω	
	Frequency range	up to 2 GHz			Outer Contacts	1m Ω	
	Contact current	DC 1,5A		Insulation resistance	1000M Ω min		
	Voltage rating	250V R,M,S			V,S,W,R	Straight	1,3 max
		Right-angle	1,35 max				

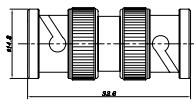
Material Used / Finish

General	Material	Finish
Body	Zinc alloy or Brass	Ni plating
Insulator	PTFE	White
Contacts	Male	Brass
	Female	Brass
		Gold plating
		Gold plating

Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.

■ Adapters

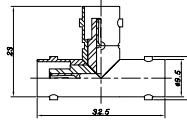
Plug - Plug Adapter



Product Number

BNC-A-PP

Jack - Jack - Jack Adapter



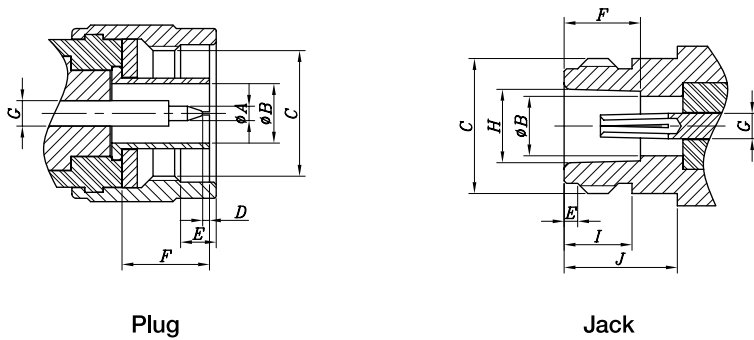
Product Number

BNC-TA-JJJ



Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.

■ N Interface Dimensions

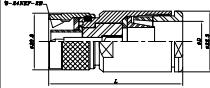


Interface Dimension

N	Plug		Jack	
	min.	max.	min.	max.
∅ A	1,6	1,676		
∅ B	7			7,06
C	5/8-24 UNEF-2B		5/8-24 UNEF-2A	
D	0	1,57		
E	4,013	4,267	1,19	1,96
F	9,25		9,05	9,19
G	3,04		3,04	
H			8,54	8,74
I			6,76	
J			10,72	

■ N Plugs

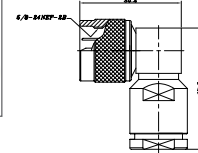
Straight (Clamp)



Product Number

N-P-3
 N-P-5
 N-P-7
 N-P-8/U
 N-P-10
 N-P-14/U
 N-P-17/U
 N-P-58/U
 N-P-59/U

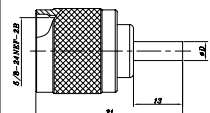
Right-angle (Clamp)



Product Number

N-LP-8/U
 N-LP-58/U
 N-LP-59/U

Straight (Crimp)

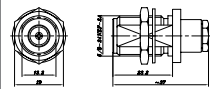


Product Number

N-PC-58/U
 N-PC-59/U
 N-PC-178/U
 N-PC-316/U

■ N Jacks

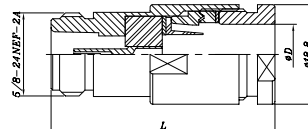
Bulkhead (Clamp)



Product Number

N-BJ-58/U
 N-BJ-59/U

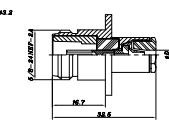
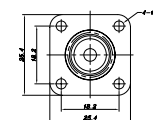
Straight (Clamp)



Product Number

N-J-8/U
 N-J-10
 N-J-17/U
 N-J-58/U
 N-J-59/U

Panel (Clamp)



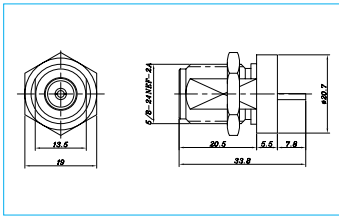
Product Number

N-PJ-8/U
 N-PJ-10
 N-PJ-58/U
 N-PJ-59/U

N

N Receptacles

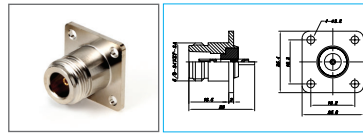
Bulkhead



Product Number

N-BR

Panel

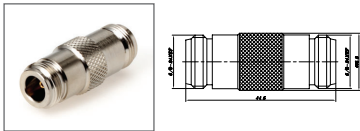


Product Number

N-R

N Adapter & Others

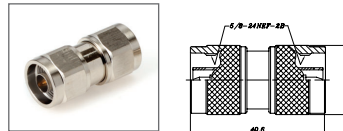
Jack - Jack Adapter



Product Number

N-A-JJ

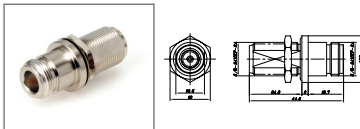
Plug - Plug Adapter



Product Number

N-A-PP

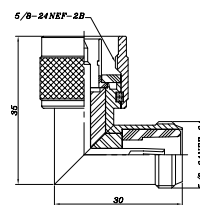
Jack - Jack Bulkhead Adapter



Product Number

N-BA-JJ

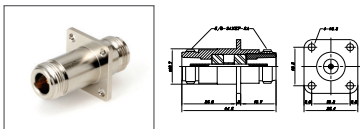
Plug - Jack Right-angle Adapter



Product Number

N-LA-PJ

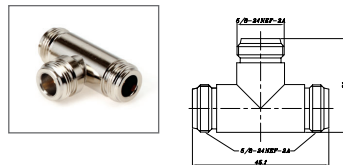
Jack - Jack Panel Adapter



Product Number

N-PA-JJ

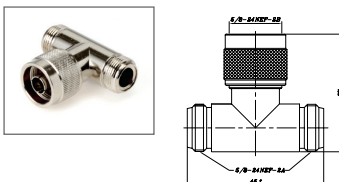
Jack - Jack - Jack Adapter



Product Number

N-TA-JJJ

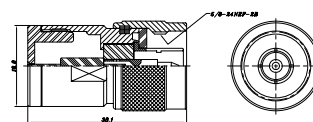
Jack - Plug - Jack Adapter



Product Number

N-TA-JPJ

Plug Terminator

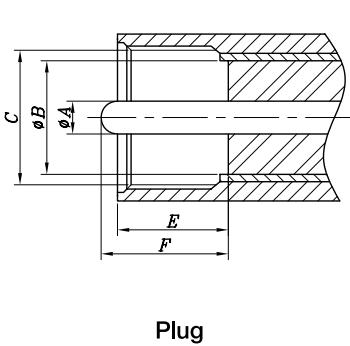


Product Number

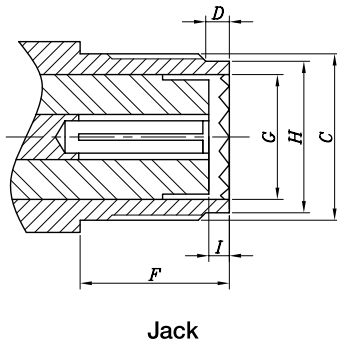
N-DUMMY

Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.

M Interface Dimensions



Plug



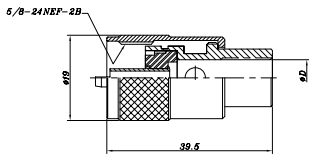
Jack

Interface Dimension

SMA	Plug		Jack	
	min.	max.	min.	max.
φ A	3,91			
φ B	11,56			
C	5/8-24 UNEF-2B		5/8-24 UNEF-2A	
D			1,19	
E	9,91			
F	11,1			
G			12,22	
H			13,92	
I			6,76	

M Plugs

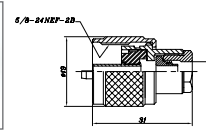
Straight



Product Number

M-P-5
M-P-7
M-P-10

Straight (Clamp)

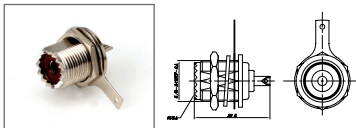


Product Number

M-P-58/U
M-P-59/U

M Receptacles

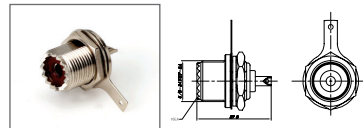
Bulkhead Front Nut



Product Number

CH-239(A)

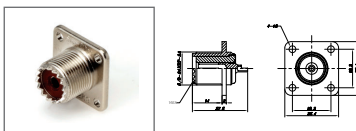
Bulkhead Back Nut



Product Number

CH-239(B)

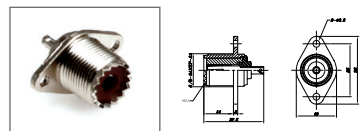
Panel



Product Number

SO-239

Panel (Narrow Flange)

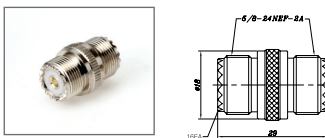


Product Number

SO-239(D)

M Adapter & Others

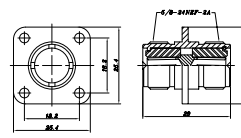
Jack-Jack Adapter



Product Number

M-A-JJ

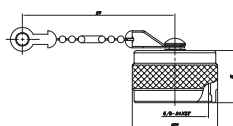
Jack-Jack Panel Adapter



Product Number

M-PA-JJ

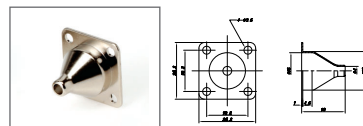
Jack Cap



Product Number

M-JC

Hood

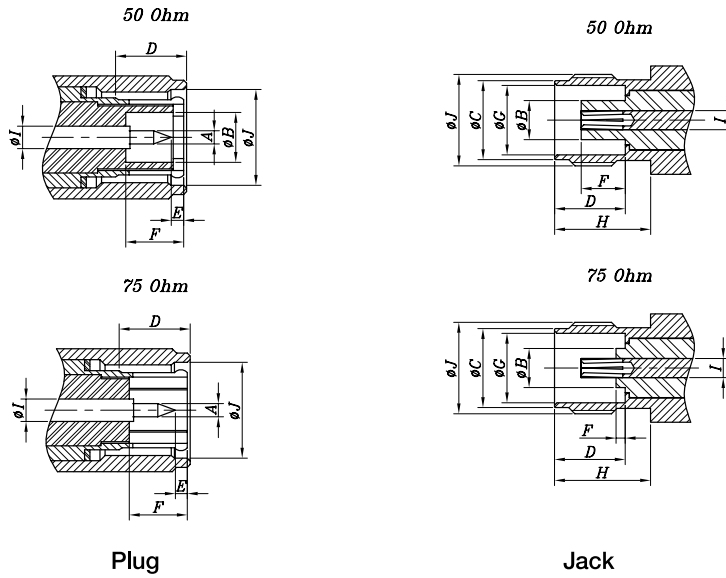


Product Number

M-H

Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.

TNC Interface Dimensions

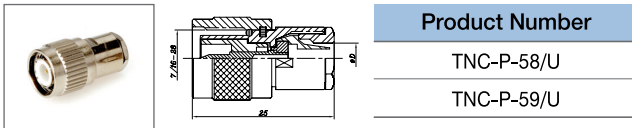


Interface Dimension

TNC	Plug mm		Jack mm	
	min.	max.	min.	max.
A	1,32	1,37		
φ B	4,83			4,72
φ C			9,6	9,7
D	5,38		8,31	8,51
E	0,35			
F	5,28		max,1,5	5,28
φ G			8,1	8,15
H			10,52	
I	2,14		2,14	
J	7/16-28 UNEF-2B		7/16-28 UNEF-2A	

TNC Plugs

Straight (Clamp)

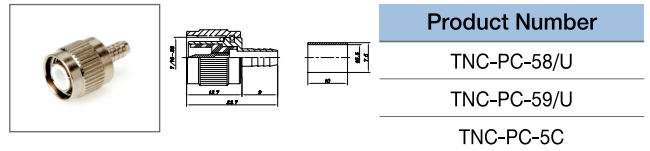


Product Number

TNC-P-58/U

TNC-P-59/U

Straight (Crimp)



Product Number

TNC-PC-58/U

TNC-PC-59/U

TNC-PC-5C

TNC Receptacles

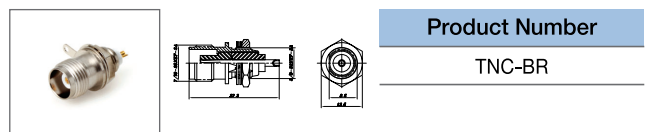
Panel Receptacle



Product Number

TNC-R

Bulkhead Receptacle

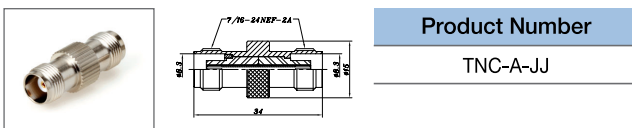


Product Number

TNC-BR

TNC Adapter

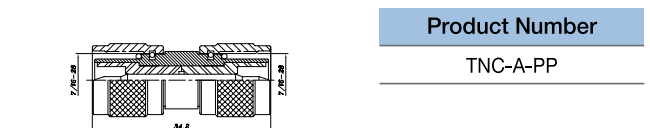
Jack-Jack Adapter



Product Number

TNC-A-JJ

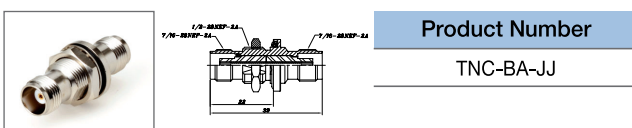
Plug-Plug Adapter



Product Number

TNC-A-PP

Jack-Jack Bulkhead Adapter



Product Number

TNC-BA-JJ

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