

# BNC Plug Connector for 75Ω only

## Application

Please use for High Frequency Coaxial Cable with 75Ω in TCX Series only.

## Features

- VSWR(Voltage Standing Wave Ratio) Properties are low reflection type 1.2 max.(30kHz~2.4GHz) in all series.
- The connector shape has been designed in view of joint confirmation easiness from backside when connected with jack side by making lengthwise 2 nicks at opposite angle axially and parallel on body grip(Design Registration No.1267387), in addition to employ long type for easy handling.
- Improved reliability much better after processing the connector by designing to fit TACHII's cable products only in all series except BNCP-2VT Series.

### Main Specifications

Characteristic Impedance :75Ω  
 Useful Frequency Range:0.03M~3000MHz  
 V.S.W.R.:1.2 max.(0.03M~2400MHz)  
 Applicable Standard:EIAJ RC-5233

### Crimp type



Material:Brass  
 Body:Nickel plated  
 Central Contact:Gold plated

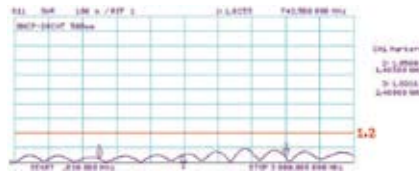
### Solder type



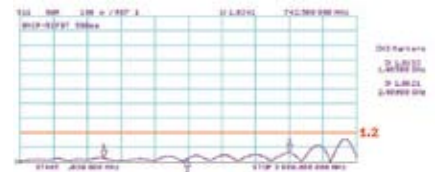
Material:Brass  
 Body:Nickel plated  
 Central Contact:Gold plated  
 Ferrule:Silver plated

### VSWR typical example

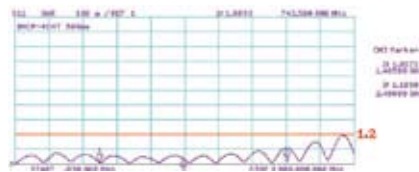
BNCP-28CHT



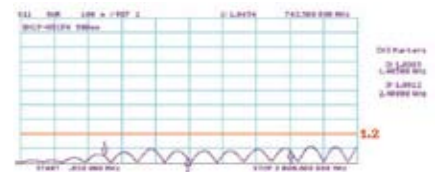
BNCP-5CFBT



BNCP-4CHT



BNCP-H5CFW



### <Measuring conditions>

- Measuring device:Agilent Technologies Co.'s Network Analyzer:8753ES(Option75)
- Measuring time cable length:500mm
- N type plug-BNC jack substitution:Noble Cable Co.'s NMC BA-A165

	Connector	Adaptable cable	Process	Crimp die (Canare Co.'s)	Crimp height Suitable range	AL/PET Tape Removal	HD-SDI correspondence
<b>NEW</b>	BNCP-28CHT	TCX-2.8CHD	Crimp	TCD-35CA	1.40~1.50 mm	Required	◎
	BNCP-4CHT	TCX-4CHD(TCX-4CHFBL) TCX□-4CHD(TCX□-4CHFBL)	Crimp	TCD-451CA TCD-4CA	1.40~1.50 mm	Required	◎
<b>NEW</b>	BNCP-5CHT	TCX-5CHD	Crimp	TCD-5CF TCD-55FA	1.40~1.50 mm	Required	◎
<b>Soon-to-be-released</b>	BNCP-6CHT	TCX-6CHD(-6CHFBL)	Crimp	TCD-67HD	2.15~2.25 mm	Required	◎
<b>Soon-to-be-released</b>	BNCP-7CHT	TCX-7CHD(-7CHFBL)	Crimp	TCD-67HD	2.15~2.25 mm	Required	◎
	BNCP-3CFBT	TCX-3CFB TCX□-3CFB	Crimp	TCD-35CA	1.40~1.50 mm	Required	○
	BNCP-5CFBT	TCX-5CFBL TCX□-5CFBL	Crimp	TCD-5CF TCD-55FA	1.40~1.50 mm	Required	○
	BNCP-3C2VT	TCX-3C2V TCX-3C2VS TCX□-3C2VS	Crimp	TCD-35CA	1.40~1.50 mm	—	—
	BNCP-5C2VT	TCX-5C2V TCX-5C2VS	Crimp	TCD-35CA	1.40~1.50 mm	—	—
<b>NEW</b>	BNCP-H3CFW	TCX-3CFWS□RJP□-3CFWS* RJP Series D Unit* TCX-3C2VS* SJP-HVP V Unit*	Solder	—	—	—	◎ 3CFWS only
<b>NEW</b>	BNCP-H5CFW	TCX-5CFWS TCX-5CFBL RJP□-5CFWS* RJP·SJP Series H Unit*	Solder	—	—	Required (in 5CFBL)	◎

※Use crimping plier TC-1 made by Canare or C-Frame made by Press Master.

※Use, in processing to adaptable cable with\*mark, after adjusting the cable O.D. equivalent to the standard type by shrinkable tube.

If used without adjusting the O.D., the unexpected matters maybe happened such as fixing strength decrease, sheath coming off from the connector and inner braid can be seen. Please refer to Page 9 on how to install BNC Connector Soldering Type.