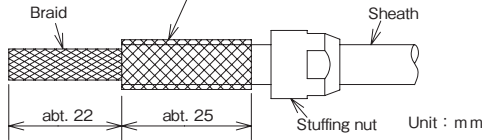


## Triple Chuck Solder type BNC Connector Mounting Instructions

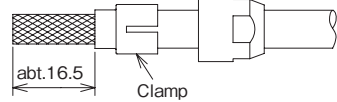
**1** Please be advised about the required steps for mounting Triple chuck Solder type BNC Connector (BNCP-HK series) to TACHII' s Coaxial Cable for Mobile use (TCX-FWS, -FW and Jeep Cable series etc.). Please always use Coaxial Cable recommended by TACHII. The processing instructions, attached to Connectors, explain on the details by each connector wise, confirm additionally with them.

**2** Remove sheath abt. 22mm from the cable edge after passing the connector stuffing nut firstly to cable edge as per the drawing.

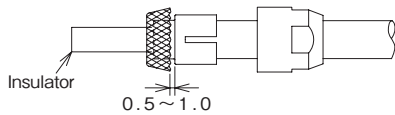
Protect more than 25mm approximately with shrinkable tube recommended below because of cable O.D. thin, in case of processing to multiple cable.  
 Recommended shrinkable tube (Adhesive type is recommended)  
 For 5CFW multiple type ··· abt. φ 9mm (O.D. φ 7.5~8.0mm after shrinked)  
 For 5CFWS multiple type ··· abt. φ 9mm (O.D. φ 7.5~8.0mm after shrinked)  
 For 4CFWS multiple type ··· abt. φ 7~8mm (O.D. φ 6.4~6.8mm after shrinked)  
 For 3CFWS multiple type and 3C2VS multiple type ··· abt. φ 6~7mm (O.D. φ 5.4~6.0mm after shrinked)



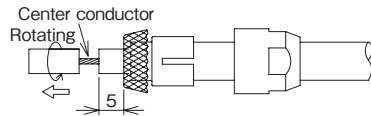
**3** Insert clamp from above braid, up to sheath.



**4** Fold back both the double braid to clamp side, and cut to make gap about 0.5 ~ 1mm from uneven part of clamp.

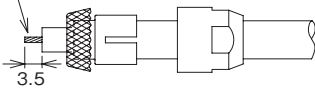


**5** Make a cut on insulator at 5mm position from folded braid edge on the clamp side by cutter etc.. Move the insulator to about 7 ~ 8mm conductor visible, rotating the cut insulator to the arrow direction carefully with attention not to damage the braid.



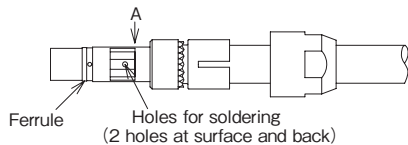
**6** Solder preliminary at first to central conductor when stranded wires. At this time, solder within short time as possible not to damage insulator (foamed). Cut center conductor with the size as per the drawing after preliminary soldering.

Cut the stranded wire conductor after preliminary soldering. Solder preliminary the solid wire conductor after cutting.

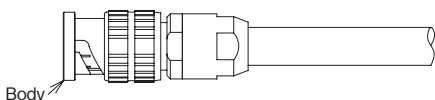


**7** Insert the ferrule as per the drawing. At this time, confirm the insulator edge reaching to A-position and the preliminary soldered conductor completely hidden by center contact of connector.

In this condition, solder by melting down from the hole for soldering on center contact. (It is possible to adjust the hole position for soldering, as the center contact can be rotated.)



**8** Insert the body, and tighten the nut up to body thread laid down by fixing nut side and rotating body side.



### Special remarks on processing

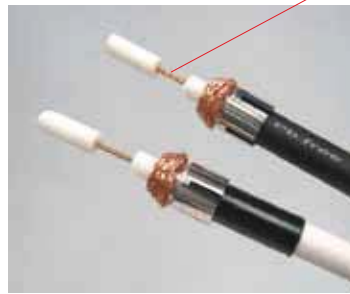


Processing example of standard cable edge

In case of cable O.D. thin like multiple type etc., adjust cable O.D. by putting shrinkable tube as per the picture. Refer to the note on drawing for the recommended O.D..



The condition clamp inserted

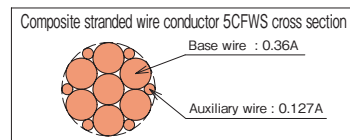


The condition insulator cut and moved without damaging center conductor

(Note 1)  
When folding back the braid, make sure not to deform stranded condition of braid as possible. If braid damaged, it will weaken connector mounting strength.

(Note 2)  
In processing 5CFWS, confirm whether auxiliary wire is cut or not, as the center conductor is made with composite stranded wire. In case of auxiliary wire is cut, process again.

The condition center conductor cut as per the size in drawing at the left after preliminary soldering



Solder to center contact

Confirm from the opposite side hole whether solder fully melted and adapted

(Note 3)  
In case of stranded wire conductor, make sure the wire not to run off from the hole.

### Spanner wrench size

Connector	Body side	Nut side
BNCP-H3CFWK	10mm	10mm
BNCP-H4CFWK	12mm	12mm
BNCP-H5CFWK	12mm	12mm



In multiple type case, confirm the shrinkable tube covered abt. 15mm or more.