

# AECO BNC PLUG

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## Assembly

1. Peel cable  
(OD = Outer Diameter)

1.1.the cable OD < 7.5mm:

Step01

Place shell's back part<301> in the cable, and removed the sleeve<311/312> depends on the actual cable OD size.

Step02

Peel the shields about 6.0 mm.

Step03

Move out the cable braid and dielectric(X-2)mm, X is the cable OD which include the braids.

Step04

To comb the braids by radial direction, and spread it out with core in vertical direction. And the spread out Round diameter is about 12.0mm. Move out the aluminum foil and dielectric along the braids spread area.

Step05

Make sure the cable core is exposed 3.0mm than braids spread area.

1.2.the cable OD >7.5mm but <10.5mm:

Step01

Peel the shields about 20.0 mm

Step02

Move out the cable braid and dielectric(X-2)mm, X is the cable OD which include the braids.

Step03

Place shell's back part<301> in the cable, and removed the sleeve<311/312> depends on the actual cable OD size.

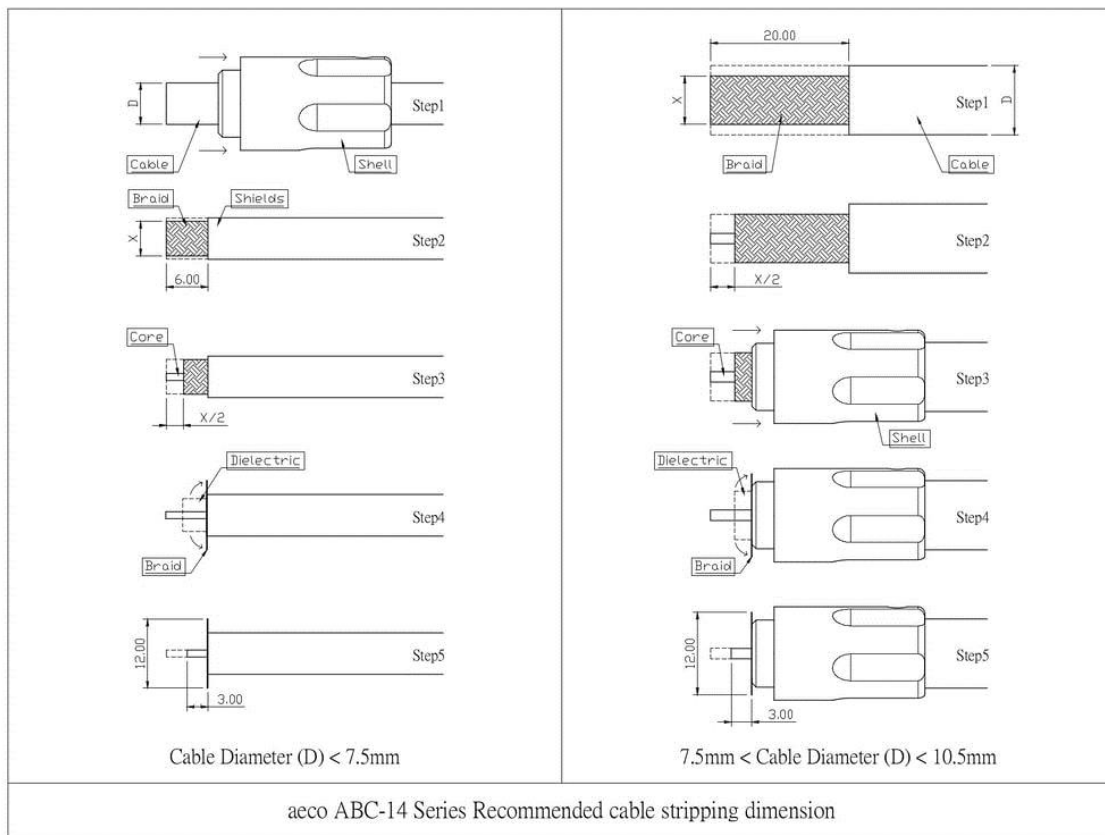
Step04

To comb the braids by radial direction, and spread it out with core in vertical direction. And the spread out Round diameter is about 12.0mm. Move out the aluminum foil and dielectric along the braids spread area

Step05

Make sure the cable core is exposed 3.0mm than braids spread area.

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## 2. Contact pin

2.1. To choose suitable ID size based on the second contact pin <201/202/203> of the pack included.

Second contact pin <201> ID will be 1.3mm after shrink.

Second contact pin <202> ID will be 0.9mm after shrink.

Second contact pin <203> ID will be 0.5mm after shrink.

2.2. To polish the chamfer of the cable core surface by chipping or milling

### 2.2.1. Crimp (no solder)

Clamp the second contact pin by tools, and push the second contact pin shrink gap into the cable central conductor.

### 2.2.2. Solder

Clamp the second contact pin by tools, and solder the second contact pin with the cable core.

3. Place the second contact pin and cable sets in the main contact pin shrink of the shells middle part. <100>

4. Make sure the braids is completely spread out and be radial, to lock the back part of shell <301> into the middle part of the shell.

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5. To fixed the cable from shell's back part with screw<321/322>

