

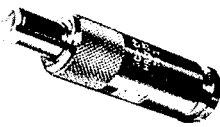
## Main materials used 3CV type

Parts	Materials	Finish
Armor (shell)	Brass	Nickel plating
Outer conductor	Brass	Silver plating + surface treatment
Male contact	Brass	Gold plating
Female contact	Beryllium copper	Gold plating
Dielectric material	Tetrafluoride resin	

## Main performance properties 3CV type

Items	Standard values
Contact resistance	5mΩ or less (at 1mV DC)
Insulation resistance	500MΩ or more at 500V DC
Withstand voltage	1000V AC (rms value) for 1 minute
Characteristic impedance	75Ω
Service life	The contact resistance after 1000 cycles is 10mΩ or less

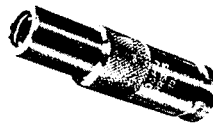
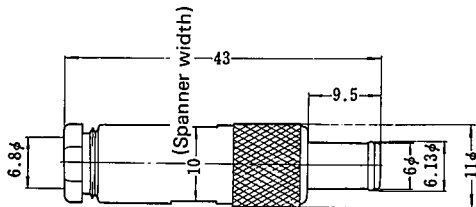
## Type 3CV plug 3CV-CP



3CV-CP

Part No.	Applicable cable
*3CV-CP	3C-2V

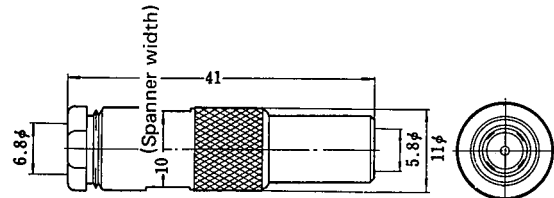
\*Standard product



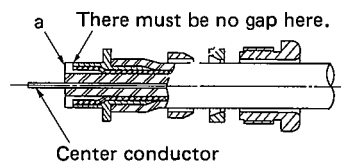
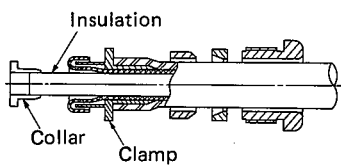
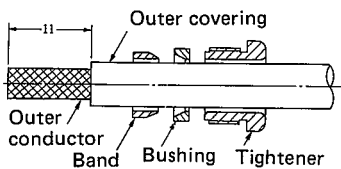
3CV-CJ

Part No.	Applicable cable
*3CV-CJ	3C-2V

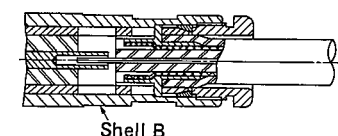
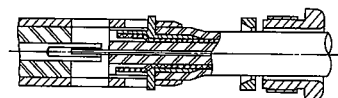
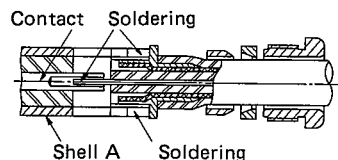
\*Standard product



## Connecting methods



1. Cut the outer covering as shown in the drawing on the left. (Be careful not to damage the outer conductor.)
2. Insert the clamp between the outer conductor and the outer covering. (Do not disintegrate the outer conductor.)
3. Fold back the outer conductor, make a gap between the outer conductor and the insulation, and insert the collar.
4. Cut the outer conductor with a razor at the tip of the clamp, using the collar like a chopping board.
5. Cut the insulation on the "a" surface of the collar. (Be careful not to damage the center conductor).



6. Insert the parts shown in the drawing above into shell A.
7. Align the slit of shell A with the slit of the clamp and solder them. Next, insert the soldering iron through the cut part of the shell, and solder the ends. (Perform the soldering rapidly.)
8. Place the band against the collar of the clamp, and tighten the band with a pair of pliers so that the pressure will be uniform around the circumference.
9. Insert the parts shown in the drawing above into shell B, and tighten the tightener securely all the way.