

AI-129, AI-286 & AI-696 SSMB / SSMC Right Angle Connectors, Crimp Type for Braided Cable



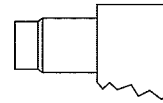
HEAT
SHRINKABLE
TUBING



CRIMP
FERRULE



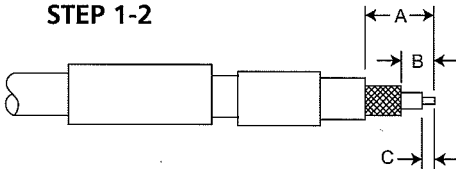
INSERT OR CAP



REAR BODY

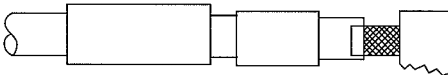
1. Slide heat shrinkable tubing and ferrule on to cable.
2. Trim cable to dimensions shown:

STEP 1-2



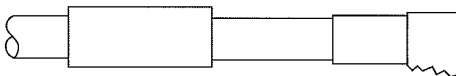
Assembly Instruction No.	A	B	C
AI-129	5,56 (.219)	2,77 (.109)	1,19 (.047)
AI-286	6,35 (.250)	2,77 (.109)	0,79 (.031)
AI-696	6,22 (.245)	2,54 (.100)	1,14 (.045)

STEP 4

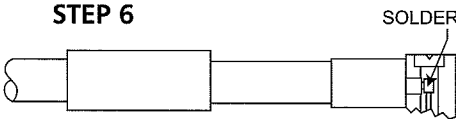


3. Tin center conductor. (DO NOT OVER TIN).
4. Slide body over cable dielectric and under the braid until braid is flush against underside of rear body. Ensure center conductor is located in the forked end of the contact. NOTE: When using cables with inflexible jackets it is permissible to make two 3,00 (.118) longitudinal slits in the outer jacket.

STEP 5

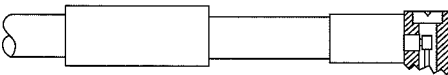


STEP 6

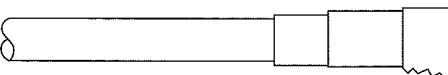


5. Slide ferrule flush against the body and crimp in position using Cannon's Crimp Tool and suitable Die Set (see table).
6. Using a small soldering iron solder center conduct to contact. NOTE: The center conductor should not protrude beyond the contact or touch the body. Solder should not protrude beyond the slotted section of the contact.
7. Press insert into place or locate the cap in rear of body and dimple or lightly punch to ensure it is locked into position (recommended tool, flat pin $\varnothing$ 3,07 +/- 0,05) (.121 +/- .002).

STEP 7



STEP 8



8. Slide heat shrinkable tubing over ferrule flush against body and heat until tubing shrinks down.

Cable Numbers	Cable Code	Die Size	Die Set
RG196/U	3196	2,67 (.105)	T1025/1
RG316/U	3188	3,25 (.128)	T1025/4
RD316	3875	3,84 (.151)	T1025/9

Only common cable retention features are shown in detail. Various body configurations can apply.