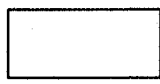


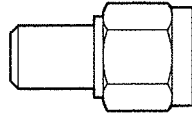
AI-102 & AI-236

SMA Straight Connectors, Crimp Type for Braided Cable

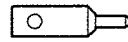
50 Ohm RF Coaxial Connectors



CRIMP FERRULE

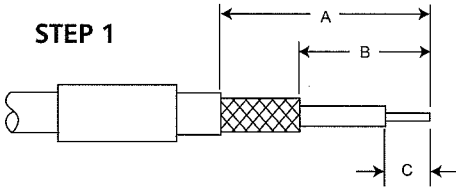


BODY ASSEMBLY



CONTACT

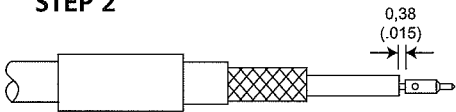
STEP 1



1. Trim cable to dimensions shown being careful not to nick the braid or center conductor. Tin center conductor, (DO NOT OVER TIN) then slip ferrule (and shrink tubing if supplied) over cable.

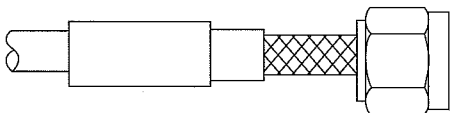
Assembly Instruction No.	A	B	C
AI-102 & AI-236	10,31 (.406)	4,37 (.172)	2,77 (.109)

STEP 2



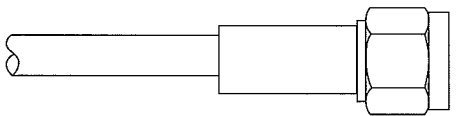
2. Solder center conductor to contact. With AI-102 and AI-236 the gap shown is to be maintained.

STEP 3



3. Insert trimmed cable into the rear of the body assembly. Tubular body extension will slide under the braid with the rear portion of extension fitting under the jacket as shown. NOTE: When using cables with inflexible jackets it is permissible to make two 3,17 (.125) long longitudinal slits in the outer jacket.

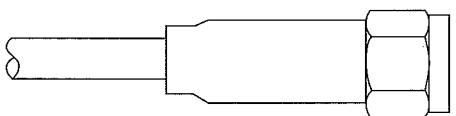
STEP 4



4. Slide ferrule flush against the body and crimp in position using Cannon's Crimp Tool and suitable Die Set (see table).

Cable Numbers	Cable Code	Die Size	Die Set
RG141/U	9141	5,42 (.213)	K29265
RG142/U	9142	5,42 (.213)	K29265
RG188/U	9188	3,25 (.128)	K29263
RG196/U	9196	2,67 (.105)	K29263
RD316	9399/9875	3,84 (.151)	T1025/9

STEP 5



5. Slide heat shrinkable tubing over ferrule and apply heat until tubing shrinks down.

Dimensions are shown: mm (inch)  
Specifications and dimensions subject to change