



U
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UHF connectors of 50 ohms impedance rating are intended for applications upto 300 MHz and are mechanically robust connectors. They provide excellent shock and vibration resistance.

Sricom connectors are manufactured to ensure conformly to joint service specifications J52401 in terms of electrical performance and mating face requirements. They are fully intermatable with connectors manufactured to meet US MIL specifications. UHF series connectors of 50 ohms impedance are available.

TECHNICAL SPECIFICATIONS

ELECTRICAL	
Impedance	50 ohms
Frequency Range	DC-300 MHz
Voltage Rating	500 Volt at sea level
Insulation Resistance	5000 Meg Ohms
Contact Resistance	
Inner contact	5 Milli ohms
Outer contact	5 Milli ohms

MATERIAL	
Body & Body Components	Extruded Brass
Centre Contact Male	Extruded Brass
Centre Contact Female	Beryllium Copper
Dielectric	PTFE
Clamp Gaskets	Silicone Rubber
Crimp Ferrule	Copper

FINISH	
Body	Silver / Nickel
Centre Contacts	Silver plated

MECHANICAL	
Life	500 matings

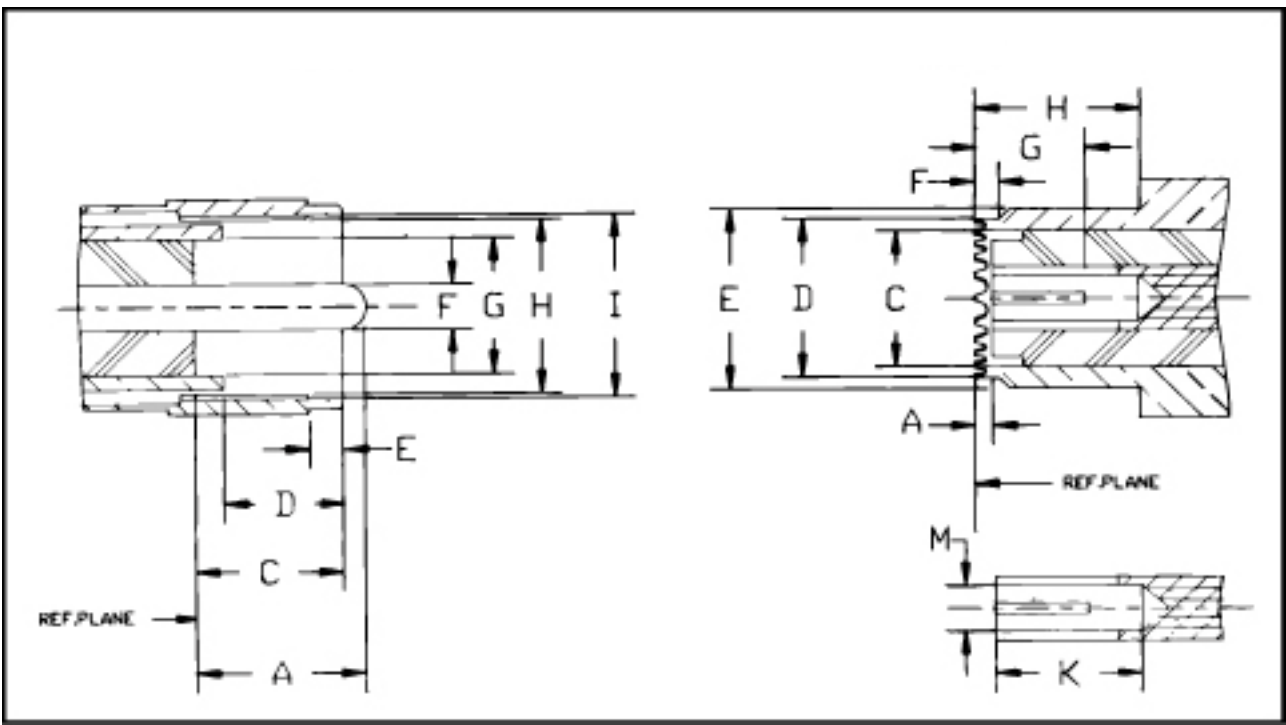


Interface Dimensions – UHF Series

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PLUG

JACK



LTR (dim. of)	PLUG		JACK	
	MIN	MAX	MIN	MAX
A	11.10	-	-	1.02
C	9.91	-	12.22	11.56
D	-	8.76	14.25	14.0
E	4.27	1.19	5/8" - 2/4 UNEF - 2A	
F	4.01	3.91	1.96	1.19
G	12.22	11.56	-	7.87
H	5/8"-24-UNEF-2B		-	11.10
K	-	-	-	11.76
M	-	-	-	4.03

ALL DIMENSIONS ARE IN MM



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SEARCH

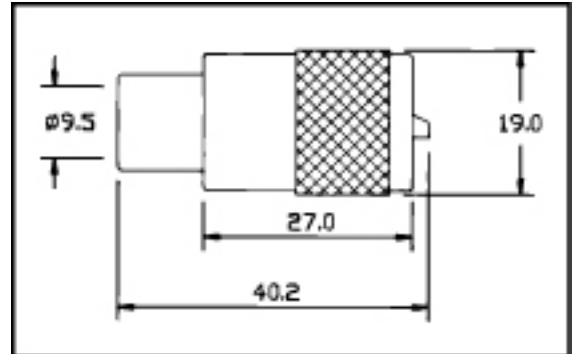
PREVIOUS

NEXT

Straight Jack

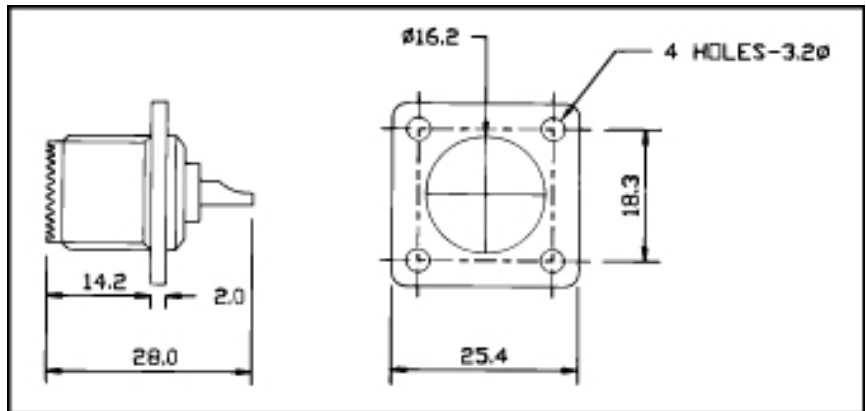
Order Code	US-MIL No	Cable Group RG/U
SC5 M 01	PL 259 B	8, 9, 213, 214

Cable Assembly E - 01



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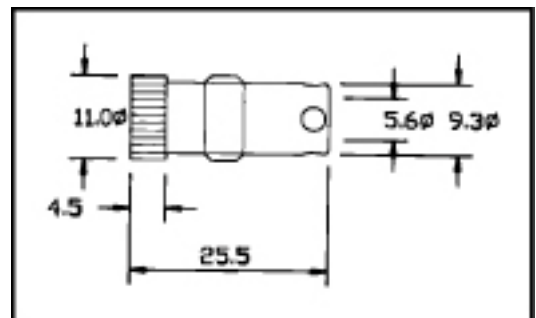
Panel Receptacle



Order Code	US - MIL No.
SC5 F 01	SO 239 B

Reducing Adaptor

Order Code	Cable Group RG / U
SC5 M 01 AD	55, 58, 141, 142, 223





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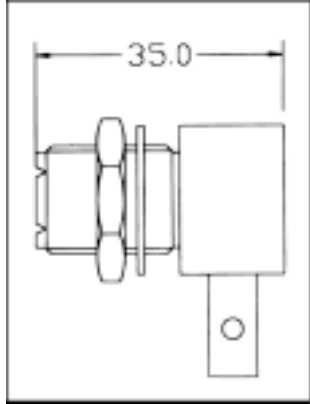
NEXT

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Right Angle Jack

Order Code	Cable Group RG/U
SC5 FA 15	55, 58, 141, 142, 223

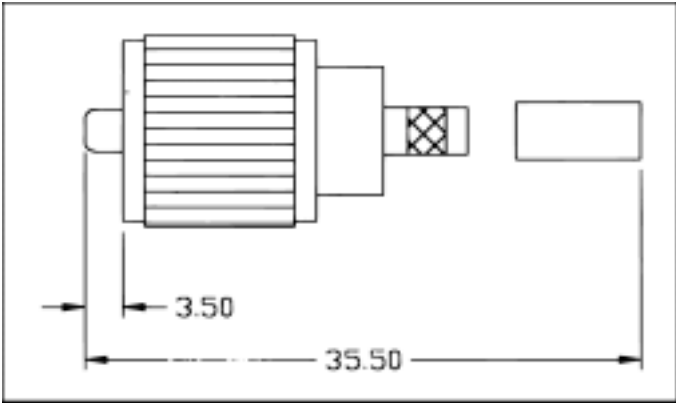
For Cable Assembly refer E - 02



Straight Plug Crimp Type

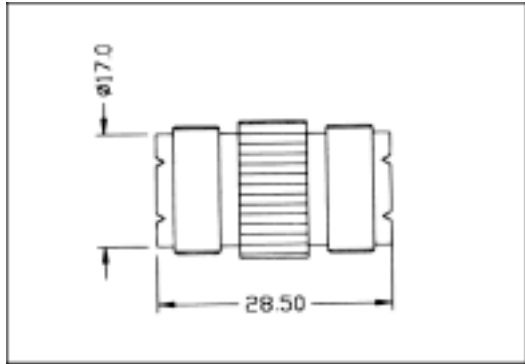
Order Code	Cable Group RG/U
SC5 M 03	55, 58, 141, 142, 223

For Cable Assembly refer E - 03



Female - Female Adaptor

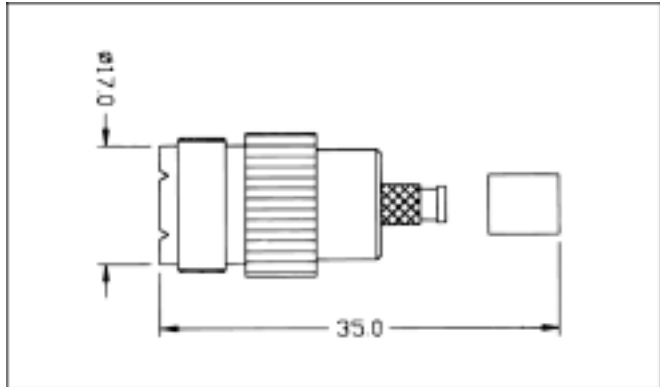
Order Code
SC5 FF 01

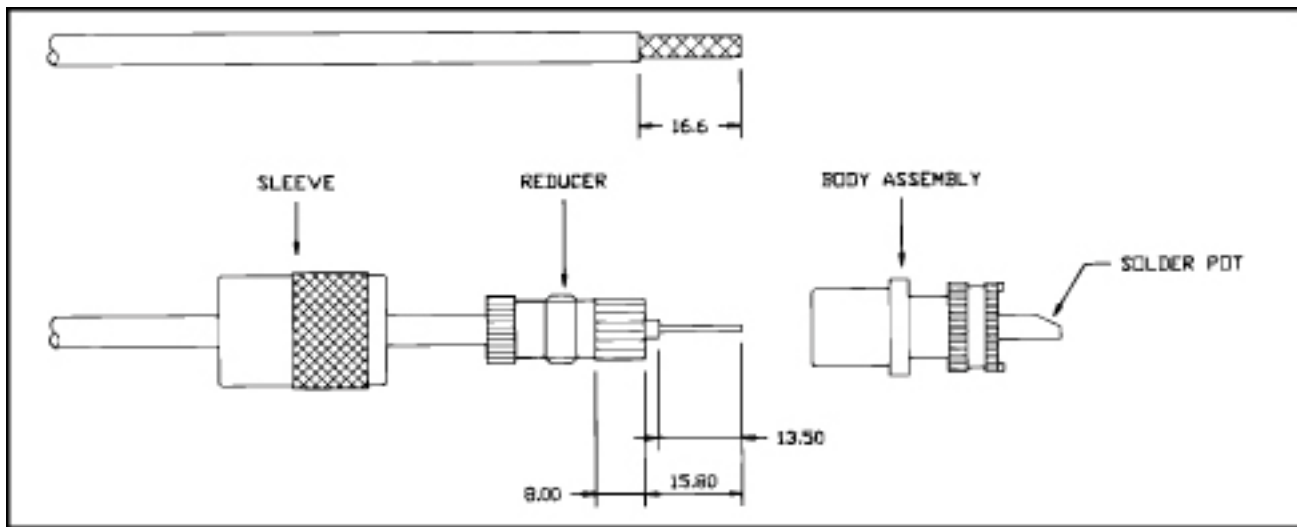


Straight Jack

Order Code	Cable Group RG/U
SC5 F 03	55, 58, 141, 142, 222

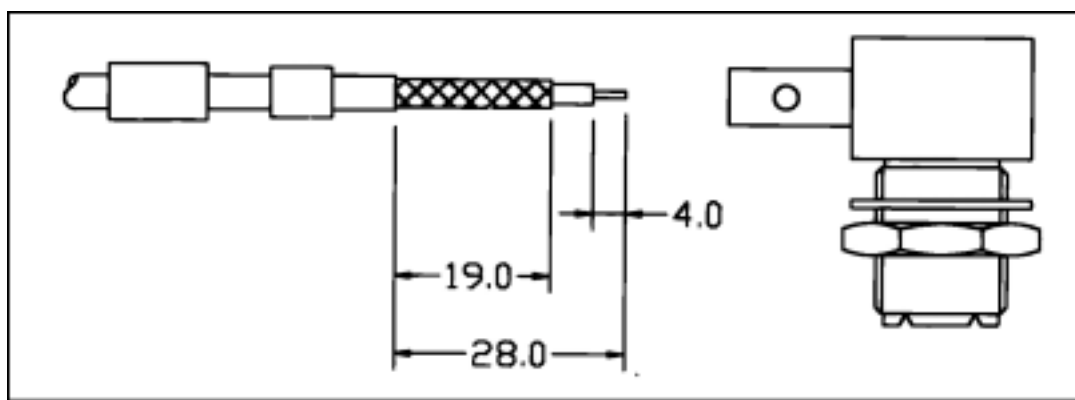
For Cable Assembly refer E - 04





E 01

1. Insert sleeve and reducer over the cable. Strip the cable as per dimension shown in the figure.
2. Comb the braid and fold back the braid over the reducer.
3. Trim the braid and insulator as per dimensions shown in the figure.
4. Screw on the sub-assembly into the connector body.
5. Solder the braid to the body through the hole provided on the connector body.

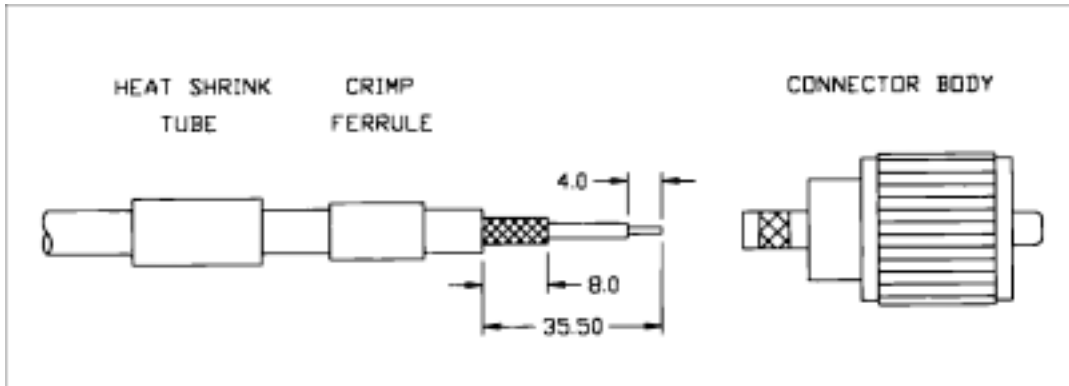


E 02

1. Slide the heat shrinkable tube over the cable.
2. Strip the cable as per dimension shown in the figure.
3. Inset the cable into the body solder the centre conductor.
4. Solder the outer conductor of the cable through the side crimp hole.
5. Fit the cap screw.
6. Shrink the heat shrinkable tube over the cable and the body.

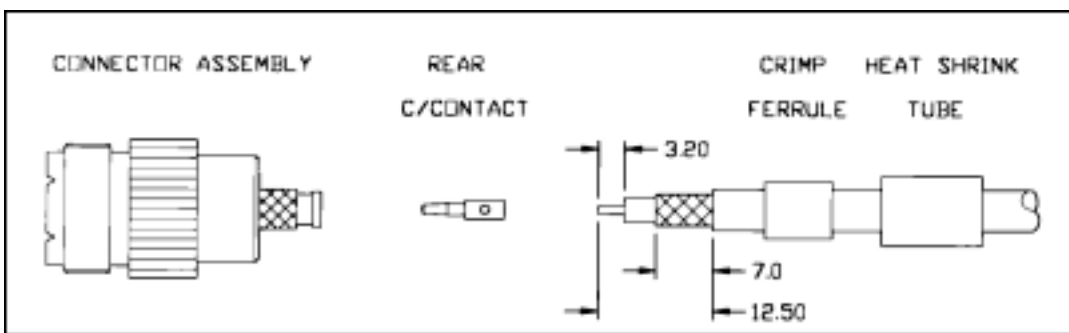


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E 03

1. Insert the heat shrinkable tube and ferrule into the cable.
2. Strip the cable as per dimension shown in the figure.
3. Insert the stripped cable into the connector body till the cable lead comes to the level of centre contact. Solder cable lead and centre contact.
4. Slide the ferrule until it butts against the body and crimp the ferrule over the outer conductor of the cable, Shrink the heat shrinkable tube over the ferrule.



E 04

1. Insert the heat shrinkable tube and ferrule into the cable.
2. Strip the cable as per dimension shown in the figure.
3. Solder cable lead to centre contact.
4. Insert the centre contact with the cable.
5. Slide the ferrule until it butts against the body and crimp the ferrule.
6. Shrink the heat shrinkable tube over the ferrule.