

A nighttime photograph of a cityscape featuring a large bridge over a river. The bridge is illuminated with warm yellow lights, and the city buildings in the background are lit up. Light trails from traffic on the bridge create a sense of motion. The text is overlaid on the center of the image.

SMA MALE CRIMP FOR RG316 CABLE

Assembly Instruction

Prepare The Materials:



SMA Connectory body, center pin,
crimp ferrule



RG316 coaxial cable

Prepare tools:



Cable Stripper



Crimp Plier

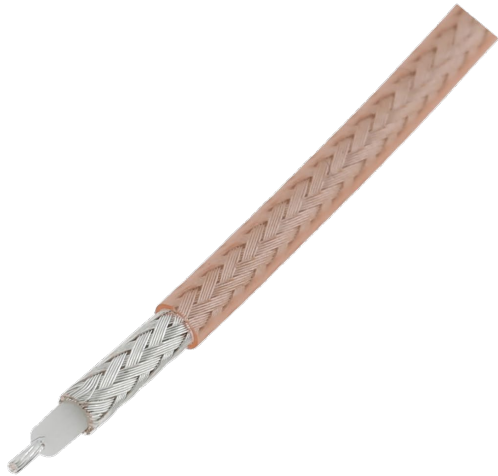


Cable Stripper Machine(optional)



Solder Iron

Step 1:



Strip the cable: Use a cable stripper to remove the outer insulation from the coaxial cable. Strip the outer jacket to expose the braided shield and the center conductor according the dimension of data sheet.

Step 2:



Pass through crimp ferrule and shrinkable tube over cable.

Solder/Crimp the center conductor: Apply a small amount of solder to the center conductor, ensuring that it is securely attached to the SMA connector's center pin. Or crimp the center conductor with SMA connector's center pin.

Step 3:



Apply the braided shield of cable on the connector's tail symmetrically

Step 4:



Slide the ferrule to the connector,
Crimp the ferrule by crimp tool, ensuring that it is securely attached to the connector body

Step 5:



Heat the tubing: Use a heat gun to shrink the tubing, ensuring a tight seal around the connector.

Step 6:



Test and verify the performance of cable assembly

Visual Inspection

Continuity Test

Insertion Loss

Return Loss

Mechanical Shock and Vibration

Environment Test