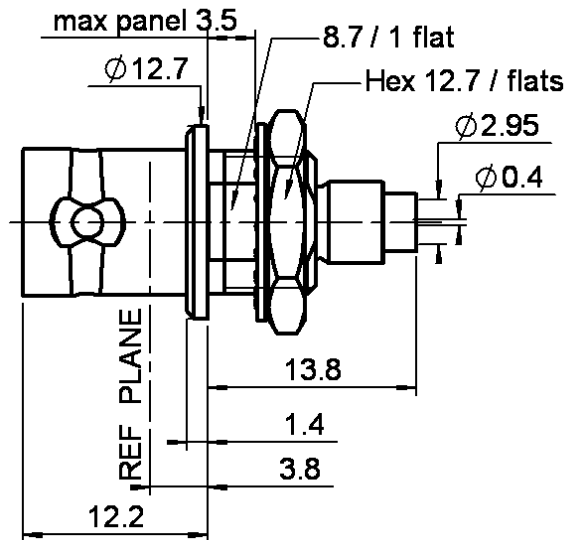


## STRAIGHT BULKHEAD JACK CRIMP TYPE

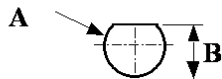
**R142.306.503**

CABLE 2.6/75

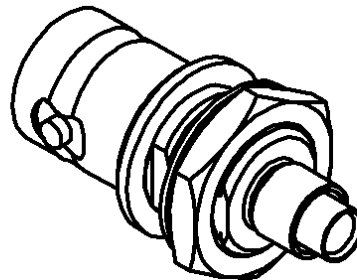
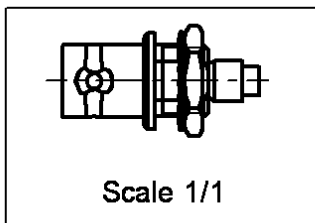
Series : BNC 75



## PANEL CUT OUT



|   | mm   |      |
|---|------|------|
|   | Maxi | mini |
| A | 9.6  | 9.7  |
| B | 8.85 | 8.75 |



All dimensions are in mm.



| COMPONENTS     | MATERIALS        | PLATINGS (μm)          |
|----------------|------------------|------------------------|
| BODY           | BRASS            | NICKEL 2               |
| CENTER CONTACT | BERYLLIUM COPPER | GOLD 0.5 OVER NICKEL 2 |
| OUTER CONTACT  | -                | -                      |
| INSULATOR      | PTFE             | -                      |
| GASKET         | -                | -                      |
| OTHERS PARTS   | BRASS            | NICKEL 2               |
| -              | -                | -                      |
| -              | -                | -                      |

Issue : 0123 E

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



## STRAIGHT BULKHEAD JACK CRIMP TYPE

**R142.306.503**

CABLE 2.6/75

Series : BNC 75

**PACKAGING**

| Standard   | Unit              | Other             |
|------------|-------------------|-------------------|
| <b>100</b> | <b>'W' option</b> | <b>Contact us</b> |

**ELECTRICAL CHARACTERISTICS**

|                                 |               |                              |
|---------------------------------|---------------|------------------------------|
| Impedance                       |               | <b>75</b> Ω                  |
| Frequency                       |               | <b>0-1.5</b> GHz             |
| VSWR                            | <b>1.30 +</b> | <b>0.000</b> x F(GHz) Maxi   |
| Insertion loss                  |               | <b>0.115</b> √F(GHz) dB Maxi |
| RF leakage                      | - (           | <b>57</b> - F(GHz)) dB mini  |
| Voltage rating                  |               | <b>335</b> Veff Maxi         |
| Dielectric withstanding voltage |               | <b>1000</b> Veff mini        |
| Insulation resistance           |               | <b>5000</b> MΩ mini          |

**MECHANICAL CHARACTERISTICS**

|                            |           |           |
|----------------------------|-----------|-----------|
| Center contact retention   |           |           |
| Axial force – Mating end   | <b>27</b> | N mini    |
| Axial force – Opposite end | <b>27</b> | N mini    |
| Torque                     | <b>NA</b> | N.cm mini |

|                    |              |      |
|--------------------|--------------|------|
| Recommended torque |              |      |
| Mating             | <b>NA</b>    | N.cm |
| Panel nut          | <b>250</b>   | N.cm |
| Clamp nut          | <b>NA</b>    | N.cm |
| A/F clamp nut      | <b>0.000</b> | mm   |

|             |              |             |
|-------------|--------------|-------------|
| Mating life | <b>500</b>   | Cycles mini |
| Weight      | <b>0.000</b> | g           |

**ENVIRONMENTAL**

|                       |                 |           |
|-----------------------|-----------------|-----------|
| Operating temperature | <b>-65/+165</b> | ° C       |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s |
| Panel leakage         | <b>NA</b>       |           |

**SPECIFICATION****CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 3.00 | 10.0 | 0.00 | 0.00 | 5.00 | 1.50 |

Assembly instruction :

Recommended cable(s)

RG 179

RG 187

Cable retention

|            |                  |
|------------|------------------|
| - pull off | <b>40</b> N mini |
| - torque   | <b>NA</b> N.cm   |

**TOOLING**

| Part Number  | Description   | Hexagon |
|--------------|---------------|---------|
| .            | .             | .       |
| R282.211.000 | CRIMPING TOOL | 4.52    |
| R282.223.000 | CRIMPING TOOL | 1.73    |
| R282.235.009 | CRIMPING DIES | 4.52    |
| R282.235.011 | CRIMPING DIES | 1.73    |
| R282.293.000 | CRIMPING TOOL | -       |

**OTHERS CHARACTERISTICS**

-

Issue : 0123 E

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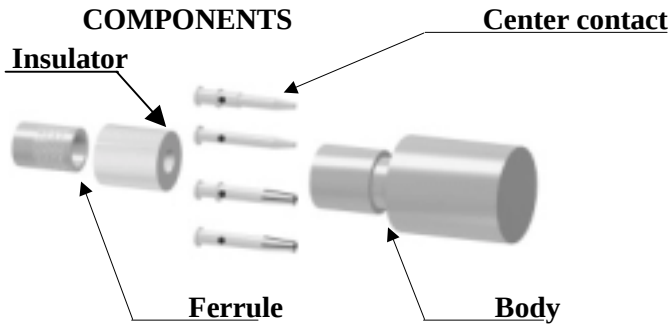
**STRAIGHT BULKHEAD JACK CRIMP TYPE**

**R142.306.503**

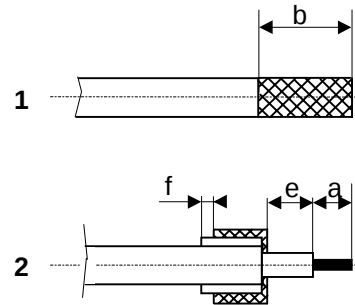
**CABLE 2.6/75**

Series : BNC 75

**COMPONENTS**

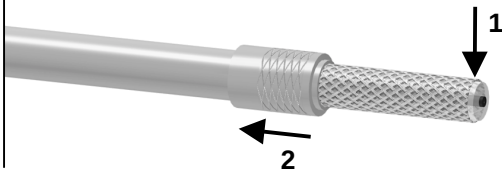


**STRIPPING DIMENSIONS**



**1**

Strip the cable as shown in sketch 1.  
Slide the ferrule until it bottoms against the sleeve.



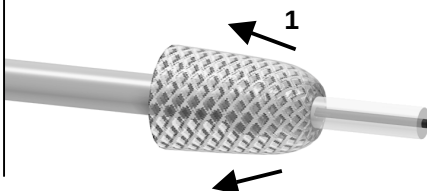
**4**

Slide the center contact on until it bottoms against the insulator back nut.  
Crimp the contact with crimping tool (see connector



**2**

Fold the braid back.



**5**

Mount the body onto the sub-assembly.



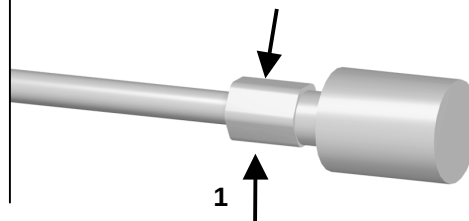
**3**

Trim the inner conductor as shown in sketch 2.  
Slide insulator onto cable dielectric.



**6**

Crimp the body with crimping tool ( see connector TDS ).



Issue : 0123 E

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