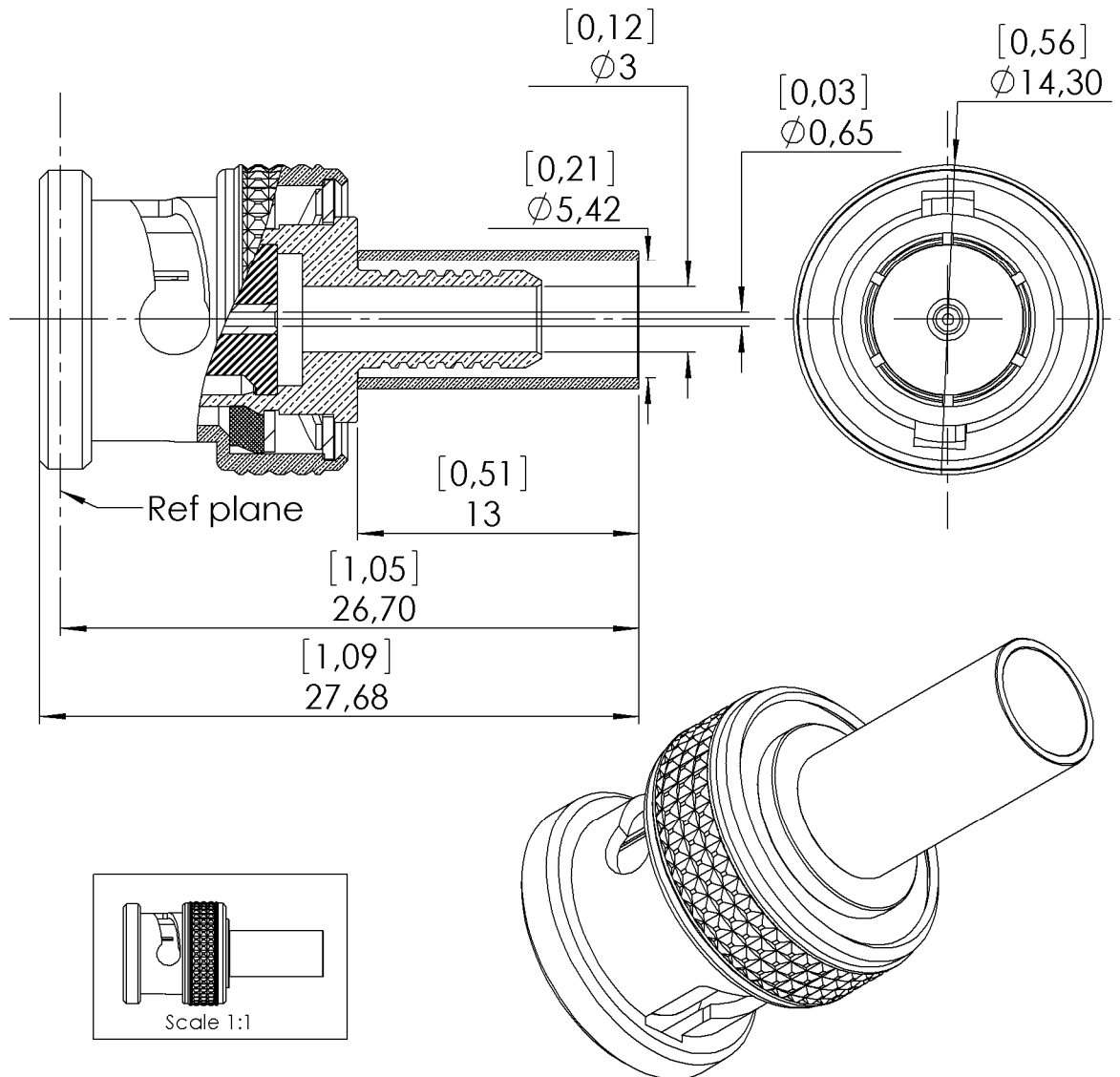


**STRAIGHT PLUG FULL CRIMP TYPE**

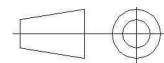
**CABLE 0.6/2.95 COND.100**

**R142.077.712**

Series : **BNC 75 HDTV**



All dimensions are in mm.



| COMPONENTS     | MATERIALS       | PLATING (µm) |
|----------------|-----------------|--------------|
| BODY           | BRASS           | NPGR         |
| CENTER CONTACT | BRASS           | NPGR         |
| OUTER CONTACT  | BRASS           | NPGR         |
| INSULATOR      | PTFE            |              |
| GASKET         | SILICONE RUBBER |              |
| OTHERS PARTS   | BRASS           | BBR          |
| -              | -               | -            |
| -              | -               | -            |

**Issue : 1001 C**

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

**RADIAL** 

**STRAIGHT PLUG FULL CRIMP TYPE****CABLE 0.6/2.95 COND.100****R142.077.712**

Series : BNC 75 HDTV

**PACKAGING**

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

**ELECTRICAL CHARACTERISTICS**

|                                 |                                     |
|---------------------------------|-------------------------------------|
| Impedance                       | 75 $\Omega$                         |
| Frequency                       | <b>DC-6</b> GHz                     |
| VSWR                            | <b>1.05 + 0,0350</b> x F(GHz) Maxi  |
| Insertion loss                  | <b>0.1</b> $\sqrt{F}$ (GHz) dB Maxi |
| RF leakage                      | - ( <b>AD</b> - F(GHz)) dB Maxi     |
| Voltage rating                  | <b>500</b> Veff Maxi                |
| Dielectric withstanding voltage | <b>1500</b> Veff mini               |
| Insulation resistance           | <b>5000</b> M $\Omega$ mini         |

**MECHANICAL CHARACTERISTICS**

|                            |                     |
|----------------------------|---------------------|
| Center contact retention   |                     |
| Axial force – Mating end   | <b>10</b> N mini    |
| Axial force – Opposite end | <b>10</b> N mini    |
| Torque                     | <b>NA</b> N.cm mini |

|                    |                  |
|--------------------|------------------|
| Recommended torque |                  |
| Mating             | N.cm             |
| Panel nut          | N.cm             |
| Clamp nut          | N.cm             |
| A/F clamp nut      | <b>0,0000</b> mm |

|             |                         |
|-------------|-------------------------|
| Mating life | <b>1000</b> Cycles mini |
| Weight      | <b>8,7510</b> g         |

**ENVIRONMENTAL**

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

**SPECIFICATION****CABLE ASSEMBLY**

| Stripping | a    | b    | c    | d    | e    | f    |
|-----------|------|------|------|------|------|------|
| mm        | 3,50 | 10,8 | 18,0 | 0,00 | 0,00 | 0,00 |

Assembly instruction : **Crimp 02**Recommended cable(s)  
**ARGOSY IMAGE 360**

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

|            |                   |
|------------|-------------------|
| - pull off | <b>110</b> N mini |
| - torque   | <b>NA</b> N.cm    |

**TOOLING**

| Part Number  | Description                  | Hexagon            |
|--------------|------------------------------|--------------------|
| .            | .                            | .                  |
| R282.235.011 | CRIMPING DIES<br>M22520/5-11 | 5.41_square<br>1.1 |
| R282.233.000 | CRIMPING TOOL                | 5.41               |

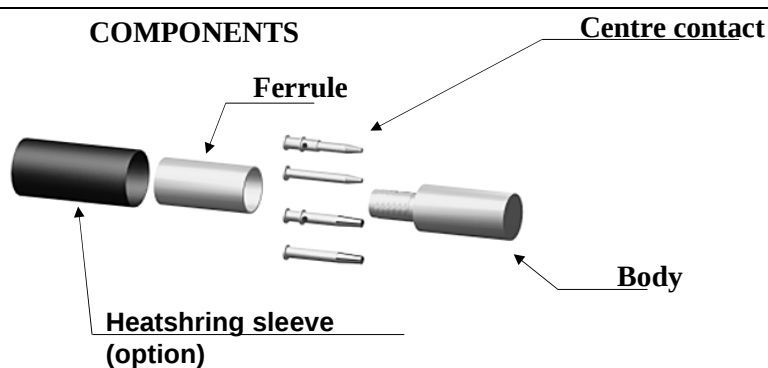
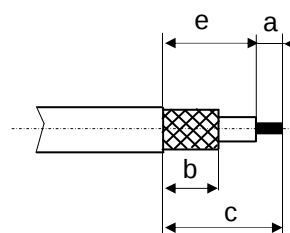
**OTHER CHARACTERISTICS****Issue : 1001 C**

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

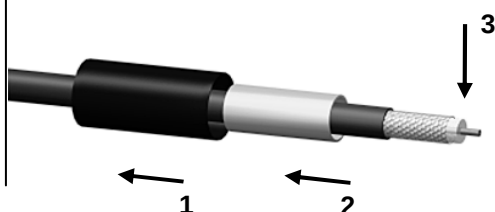
**RADIAL** 

**STRAIGHT PLUG FULL CRIMP TYPE****CABLE 0.6/2.95 COND.100****R142.077.712**

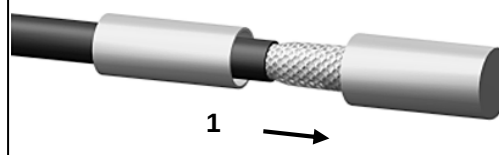
Series : BNC 75 HDTV

**COMPONENTS****STRIPPING DIMENSIONS****1**

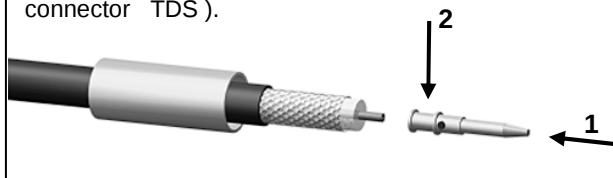
Slide the heatshrink sleeve onto the cable (Option).  
Slide the ferrule onto the cable.  
Strip the cable.

**4**

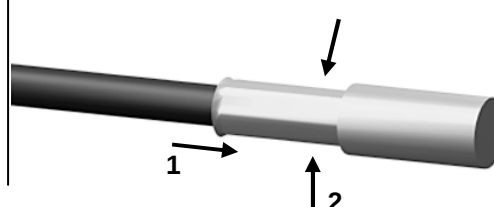
Slide the cable into the body until it bottoms against insulator.

**2**

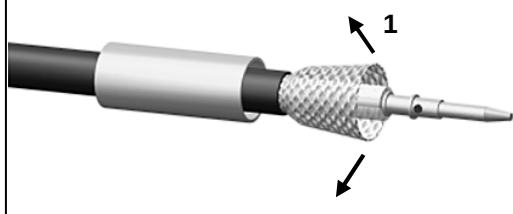
Slide the centre contact on until it bottoms against the cable dielectric.  
Crimp the centre contact with crimping tool ( see connector TDS ).

**5**

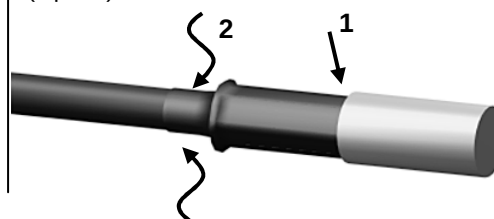
Slide the ferrule over the braid.  
Crimp the ferrule with crimping tool ( see connector TDS )

**3**

Fan the braid.

**6**

Cut the excess of braid if necessary.  
Slide the sleeve over the ferrule and heatshrink it in place (Option).

**Issue : 1001 C**

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**RADIAL** 

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