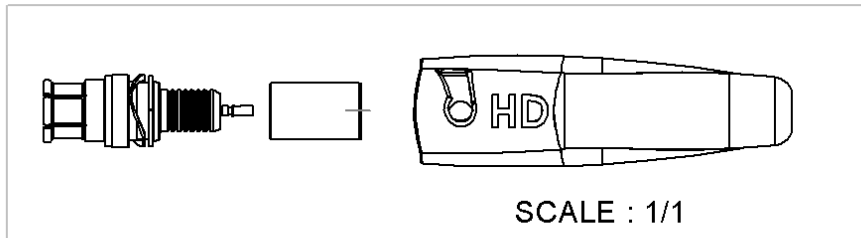
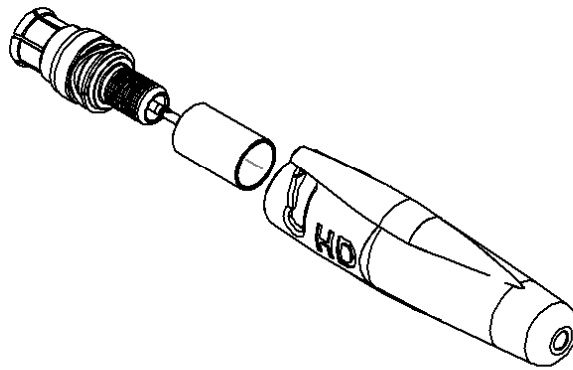
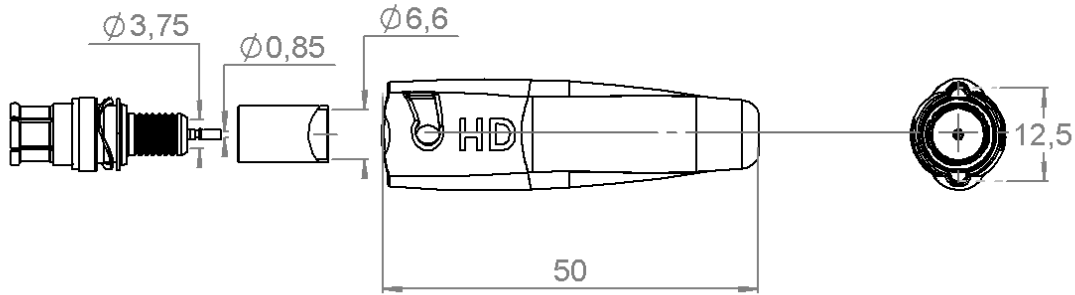


STRAIGHT PLUG FULL CRIMP

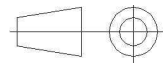
CABLE 0.8/3.7

R142.079.76_

Series : BNC 75 HDTV



All dimensions are in mm.



| COMPONENTS | MATERIALS | PLATING (µm) |
|----------------|--------------------|--------------|
| BODY | BRASS | BBR2 |
| CENTER CONTACT | BRASS | NPGR |
| OUTER CONTACT | BRASS | NPGR |
| INSULATOR | POLYPROPYLENE | |
| GASKET | SILICONE RUBBER | |
| OTHERS PARTS | COMPOSITE MATERIAL | |
| - | - | - |
| - | - | - |

Issue : 1306 E

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



STRAIGHT PLUG FULL CRIMP

CABLE 0.8/3.7

R142.079.76_

Series : **BNC 75 HDTV**

PACKAGING

| Standard | Unit | Other |
|------------|-------------------|-------------------|
| 100 | 'W' option | Contact us |

SPECIFICATION

ELECTRICAL CHARACTERISTICS

| | | |
|---------------------------------|---------------|-----------------------------|
| Impedance | | 75 Ω |
| Frequency | | DC-6 GHz |
| VSWR | 1.05 + | 0,0350 x F(GHz) Maxi |
| Insertion loss | | 0.1 √F(GHz) dB Maxi |
| RF leakage | - (| - F(GHz)) dB Maxi |
| Voltage rating | | 500 Veff Maxi |
| Dielectric withstanding voltage | | 1500 Veff mini |
| Insulation resistance | | 5000 MΩ mini |

CABLE ASSEMBLY

| Stripping | a | b | c | d | e | f |
|-----------|------|------|------|------|------|------|
| mm | 2,30 | 9,00 | 16,8 | 0,00 | 14,4 | 0,00 |

Assembly instruction : **SPECIFIQUE**

Recommended cable(s)

DRAKA 0.8/3.7

BELDEN 1505A

CAE HD 08370

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 | 220 N mini |
| - torque | N.A N.cm |

MECHANICAL CHARACTERISTICS

| | | |
|----------------------------|----------------------|--|
| Center contact retention | | |
| Axial force – Mating end | 10 N mini | |
| Axial force – Opposite end | 10 N mini | |
| Torque | N.A N.cm mini | |

TOOLING

| Part Number | Description | Hexagon |
|--------------|---------------|----------------------|
| . | . | . |
| R282.234.000 | CRIMPING TOOL | Hex.6.48/ Sq.1.15 |

| | | |
|----------------------|------------------|--|
| Retention | | |
| Mated | 200 N max | |
| Boot Nut on the body | 40 N max | |

OTHER CHARACTERISTICS

| | |
|-------------|-------------------------|
| Mating life | 1000 Cycles mini |
| Weight | 8,2800 g |

ENVIRONMENTAL

| | |
|-----------------------|-------------------|
| Operating temperature | -45/+85 °C |
| Hermetic seal | Atm.cm3/s |
| Panel leakage | |

ssue : **1306** E

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



STRAIGHT PLUG FULL CRIMP

CABLE 0.8/3.7

R142.079.76_

Series : **BNC 75 HDTV**

CODING OPTION SLEEVE-NUT

Choice for sleeve Colors :

| Colours name | RAL | RVB (octet) | TLS | REF |
|--------------|------|-------------|-------------|---------------------|
| Black | 9005 | 0/0/0 | 0/0/0 | R142.079.760 |
| Red | 3020 | 252/10/28 | 356/131/249 | R142.079.761 |
| Yellow | 1018 | 255/255/79 | 60/167/255 | R142.079.764 |
| Blue | 5012 | 41/115/184 | 209/113/162 | R142.079.763 |
| Green | 6032 | 41/138/64 | 134/90/138 | R142.079.762 |
| Grey | 7037 | 122/125/128 | 210/125/6 | R142.079.765 |
| White | 9003 | 255/255/255 | 0/255/0 | R142.079.766 |
| Brown | 8002 | 110/59/58 | 1/84/79 | R142.079.767 |
| Orange | 2007 | 255/117/33 | 23/144/255 | R142.079.768 |
| Violet | 4008 | 125/31/122 | 302/78/154 | R142.079.769 |



ssue : 1306 E

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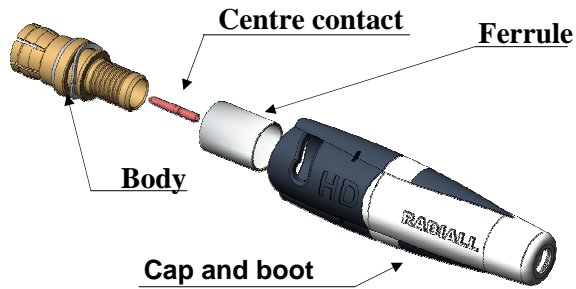
STRAIGHT PLUG FULL CRIMP

CABLE 0.8/3.7

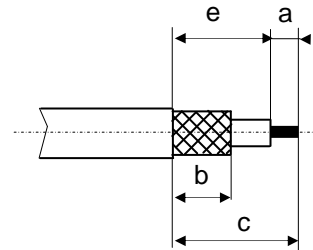
R142.079.76_

Series : BNC 75 HDTV

ASSEMBLING PROCESS

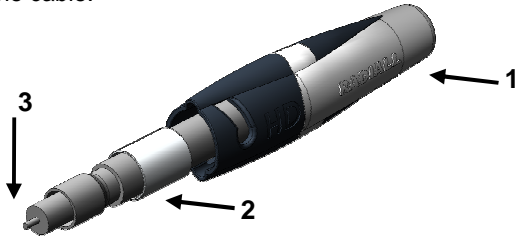


STRIPPING DIMENSIONS



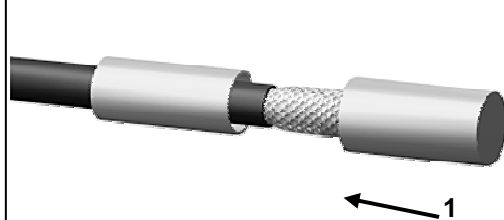
1

Slide the cap and boot onto the cable
Slide the ferrule onto the cable.
Strip the cable.



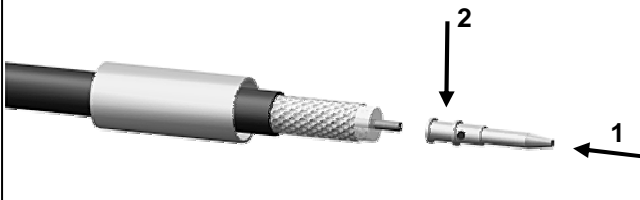
4

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



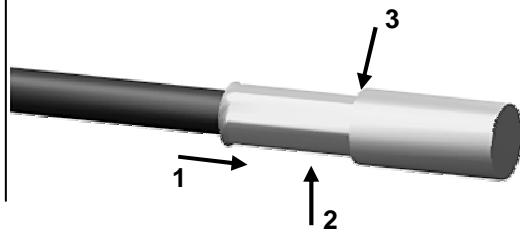
2

Slide the centre contact on until it bottoms against the cable dielectric.
Crimp the centre contact with crimping tool (Sq. : 1.15)



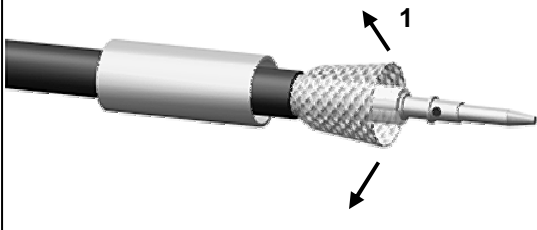
5

Slide the ferrule over the braid.
Crimp the ferrule with crimping tool. (Hex. : 6.48)
Cut the excess of braid if necessary



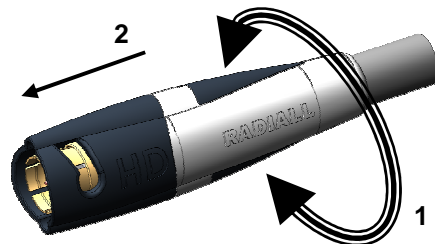
3

Fan the braid and foil.



6

Twist, slide and lock the Sleeve-nut over the sub assembly



Issue : 1306 E

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