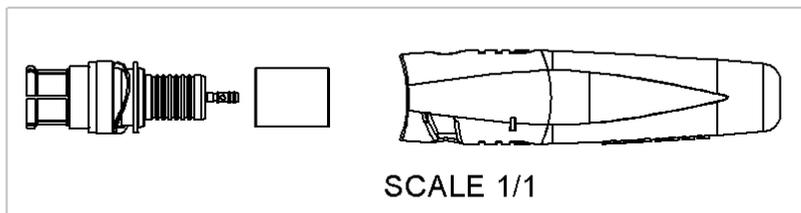
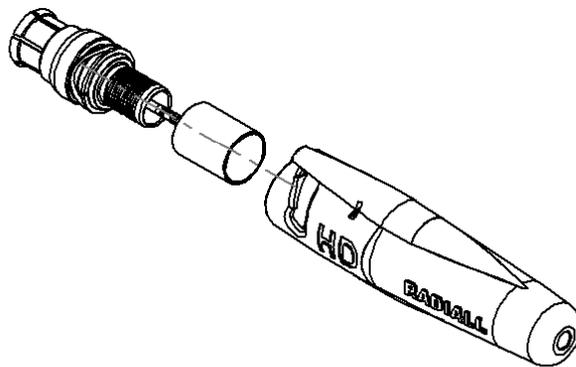
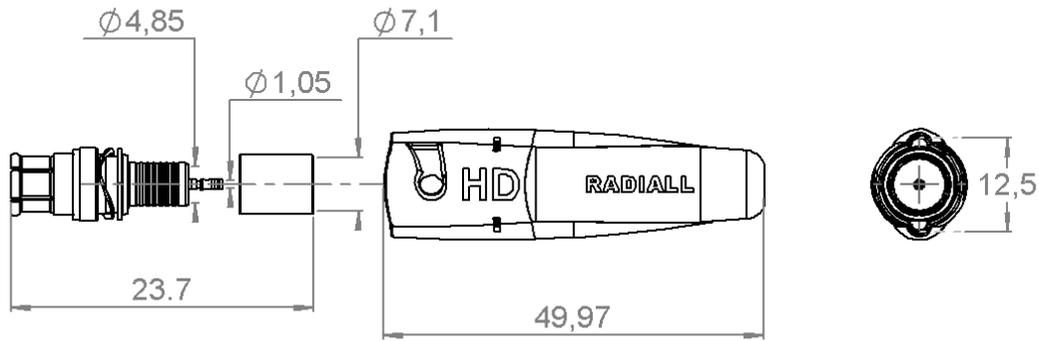


**STRAIGHT PLUG FULL CRIMP**

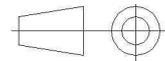
**R142.079.77\_**

**CABLE 1/4.8**

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**

**R142.079.77\_**

**CABLE 1/4.8**

Series : **BNC 75 HDTV**

**PACKAGING**

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

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>75</b> Ω
Frequency		<b>DC-6</b> GHz
VSWR	<b>1.05</b> +	<b>0,0350</b> x F(GHz) Maxi
Insertion loss		<b>0.1</b> √F(GHz) dB Maxi
RF leakage	- (	<b>NA</b> - F(GHz)) dB Maxi
Voltage rating		<b>1000</b> Veff Maxi
Dielectric withstanding voltage		<b>1500</b> Veff mini
Insulation resistance		<b>5000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,30	10,0	18,3	0,00	15,9	0,00

Assembly instruction : **Specifique**

Recommended cable(s)  
**BELDEN 1694A**  
**CAE 10460**

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	<b>10</b>	N mini
Axial force – Opposite end	<b>10</b>	N mini
Torque	<b>N.A</b>	N.cm mini

**TOOLING**

Retention		
Mated	<b>200</b>	N max
Boot Nut on the body	<b>40</b>	N max

Part Number	Description	Hexagon
.	.	.
<b>R282.232.000</b>	<b>CRIMPING TOOL</b>	<b>Hex 6.7 / Sq 1.1</b>

**OTHER CHARACTERISTICS**

Mating life	<b>1000</b>	Cycles mini
Weight	<b>7,3200</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-40+85</b>	° C
Hermetic seal		Atm.cm3/s
Panel leakage		

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 1/4.8**

**R142.079.77\_**

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	<b>R142.079.770</b>
Red	3020	252/10/28	356/131/249	<b>R142.079.771</b>
Yellow	1018	255/255/79	60/167/255	<b>R142.079.774</b>
Blue	5012	41/115/184	209/113/162	<b>R142.079.773</b>
Green	6032	41/138/64	134/90/138	<b>R142.079.772</b>
Grey	7037	122/125/128	210/125/6	<b>R142.079.775</b>
White	9003	255/255/255	0/255/0	<b>R142.079.776</b>
Brown	8002	110/59/58	1/84/79	<b>R142.079.777</b>
Orange	2007	255/117/33	23/144/255	<b>R142.079.778</b>
Violet	4008	125/31/122	302/78/154	<b>R142.079.779</b>



Issue : 1306 E

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**STRAIGHT PLUG FULL CRIMP**

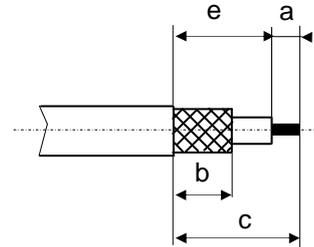
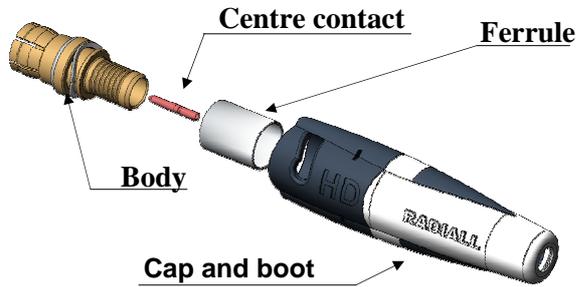
**R142.079.77\_**

**CABLE 1/4.8**

Series : BNC 75 HDTV

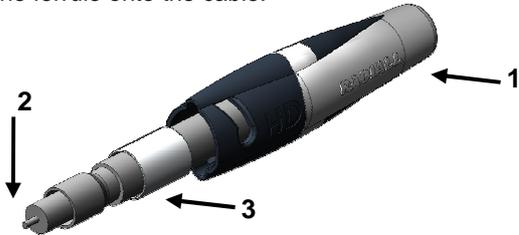
**ASSEMBLING PROCESS**

**STRIPPING DIMENSIONS**



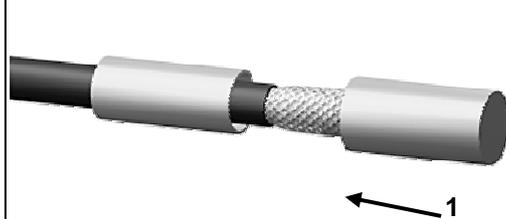
1

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



4

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



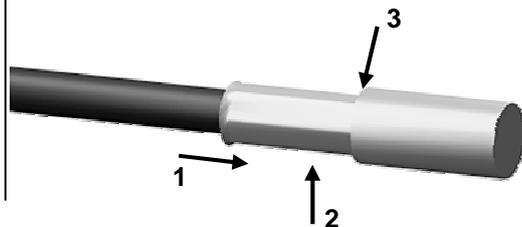
2

Slide the centre contact on until it bottoms against the cable dielectric.  
Crimp the centre contact with crimping tool (Sq. : 1.1 )



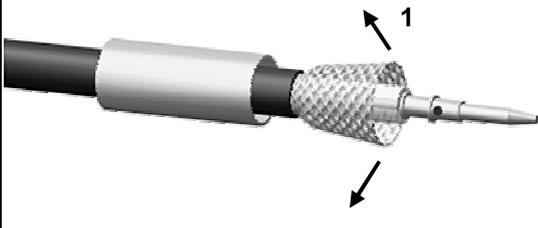
5

Slide the ferrule over the braid.  
Crimp the ferrule with crimping tool. ( Hex. : 6.70 )  
Cut the excess of braid if necessary



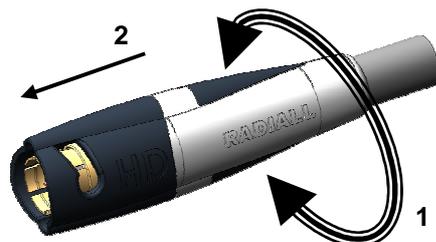
3

Fan the braid and foil.



6

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



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