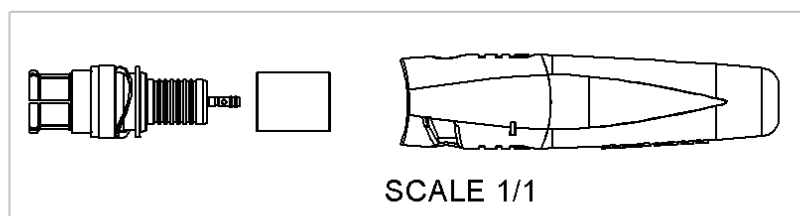
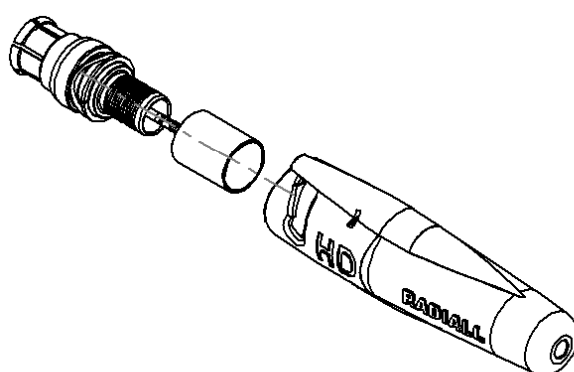
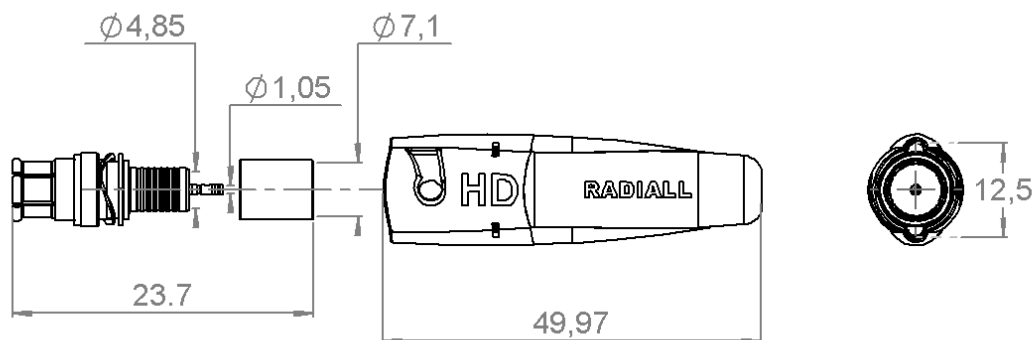


STRAIGHT PLUG FULL CRIMP

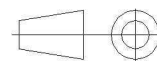
CABLE 1/4.8

R142.079.77_

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	POLYPROPYLENE	
GASKET	SILICONE RUBBER	
OTHERS PARTS	COMPOSITE MATERIAL	
-	-	-
-	-	-

Issue : 1225

D

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RADIAL 

STRAIGHT PLUG FULL CRIMP**CABLE 1/4.8****R142.079.77_**Series : **BNC 75 HDTV****PACKAGING**

Standard	Unit	Other
100	W option	Contact us

ELECTRICAL CHARACTERISTICS

Impedance	75	Ω
Frequency	DC-6	GHz
VSWR	1.05 + 0,0350	x F(GHz) Maxi
Insertion loss	0.1	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (NA	- F(GHz)) dB Maxi
Voltage rating	1000	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

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

Recommended torque	
Mating	N.cm
Panel nut	N.cm
Clamp nut	N.cm
A/F clamp nut	0,0000 mm

Mating life	1000 Cycles mini
Weight	8,3000 g

ENVIRONMENTAL

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

SPECIFICATION**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,40	9,50	16,8	0,00	14,4	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

TOOLING

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

OTHER CHARACTERISTICS

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



Issue : 1225

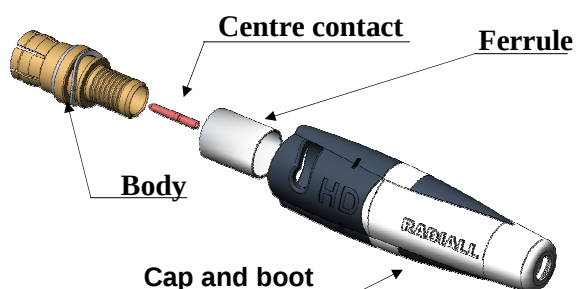
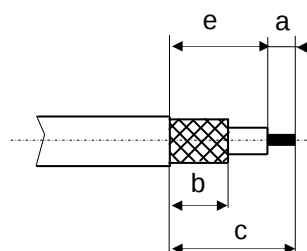
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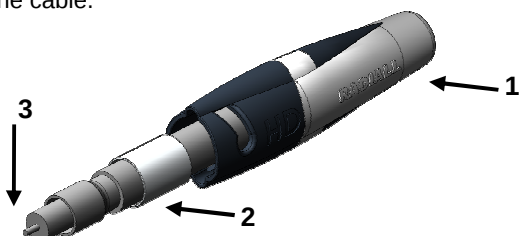
RADIAL 

STRAIGHT PLUG FULL CRIMP
CABLE 1/4.8
R142.079.77_

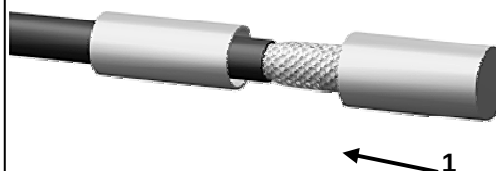
Series : BNC 75 HDTV

ASSEMBLING PROCESS

STRIPPING DIMENSIONS

1

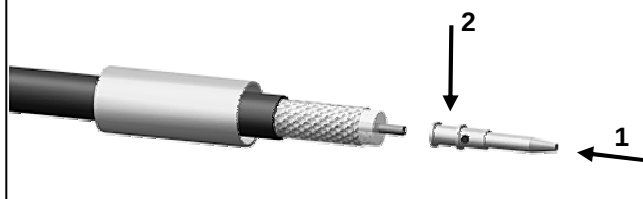
Slide the cap and boot onto the cable
Slide the ferrule onto the cable.
Strip the cable.


4

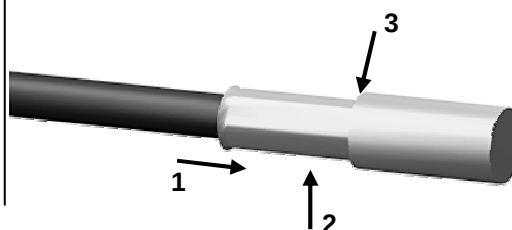
Slide the body onto the cable until it bottoms against insulator.


2

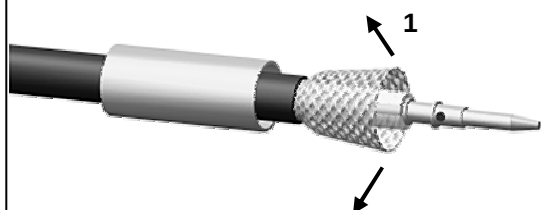
Slide the centre contact on until it bottoms against the cable dielectric.
Crimp the centre contact with crimping tool (Sq. : 1.1)


5

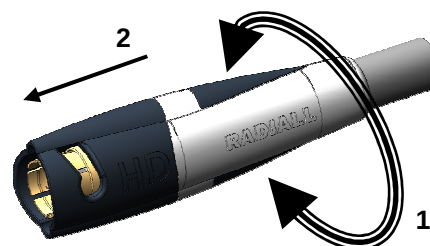
Slide the ferrule over the braid.
Crimp the ferrule with crimping tool. (Hex. : 6.70)
Cut the excess of braid if necessary


3

Fan the braid and foil.


6

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



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