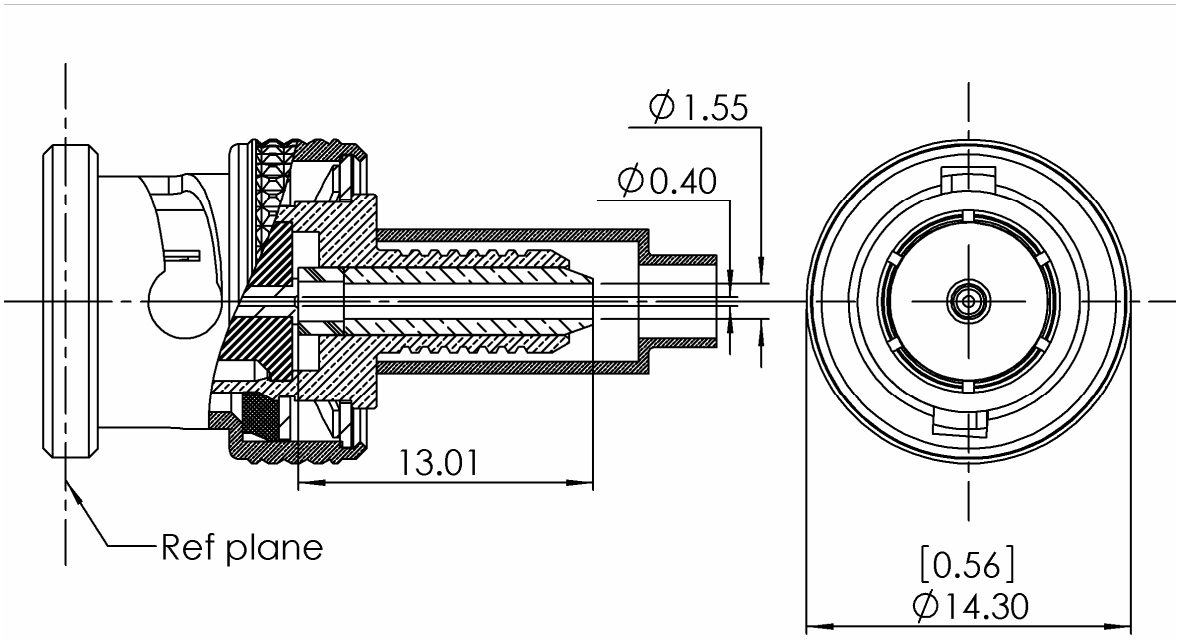
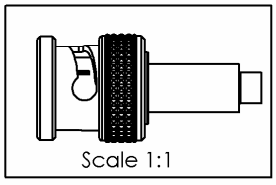
STRAIGHT PLUG CRIMP TYPE

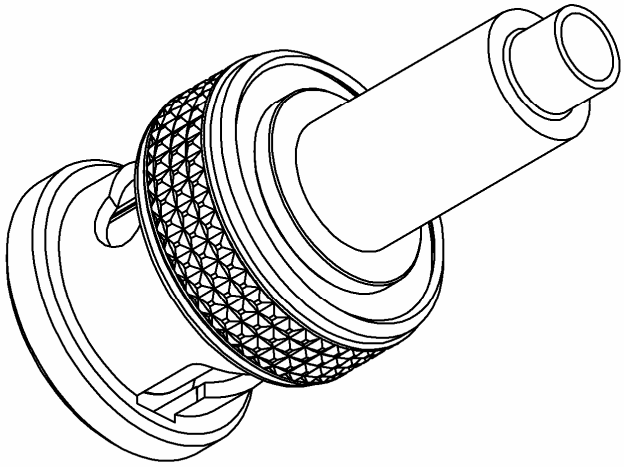
CABLE 0.3/1.4

R142.077.742

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 : 1005 A

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

RADIALL

STRAIGHT PLUG CRIMP TYPE

CABLE 0.3/1.4

R142.077.742

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	**- (**	**AD**	- 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	4,00	10,0	18,5	0,00	14,5	0,00

Assembly instruction : **Crimp 03**

Recommended cable(s)desnor

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	**27**	N mini
Axial force – Opposite end	**27**	N mini
Torque	**NA**	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	**9,3400**	g

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	**60**	N mini
- torque	**NA**	N.cm

TOOLING

Part Number	Description	Hexagon
.	.	.
R282.235.011	CRIMPING DIES M22520/5-11	
R282.233.000	CRIMPING TOOL	

ENVIRONMENTAL

Operating temperature	**-65/+165**	° C
Hermetic seal	**NA**	Atm.cm3/s
Panel leakage	**NA**	

OTHER CHARACTERISTICS

Issue : 1005 A

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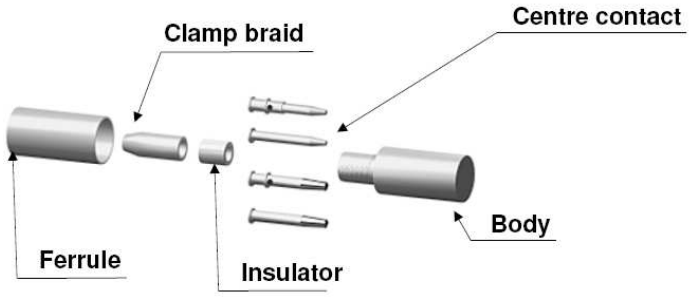
STRAIGHT PLUG CRIMP TYPE

CABLE 0.3/1.4

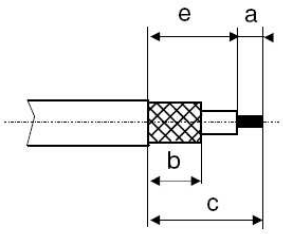
R142.077.742

Series : **BNC 75 HDTV**

COMPONENTS

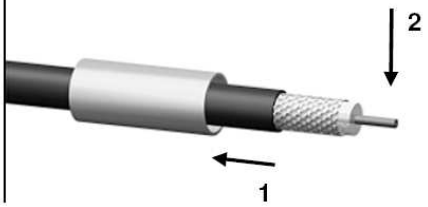


STRIPPING DIMENSIONS



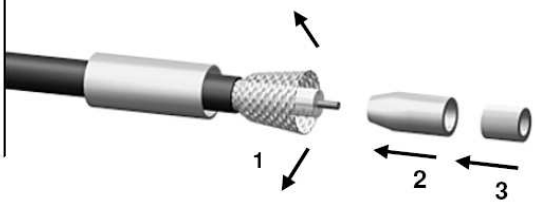
1

Slide the ferrule onto the cable.
Strip the cable.



2

Fan the braid.
Slide the braid clamp and the insulator between the dielectric and the braid.
Slide the insulator between the dielectric and the braid.

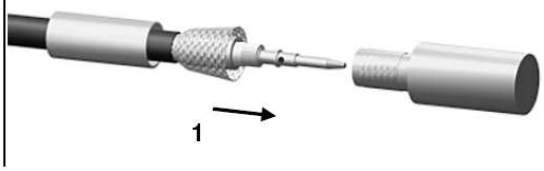


3

Slide on the centre contact until it bottoms against the cable dielectric.
Solder or crimp the centre contact with crimping tool (see connector TDS).
Clean solder area if necessary.

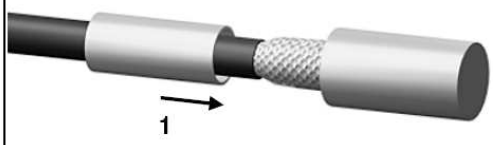
4

Slide cable into body until it bottoms against insulator.



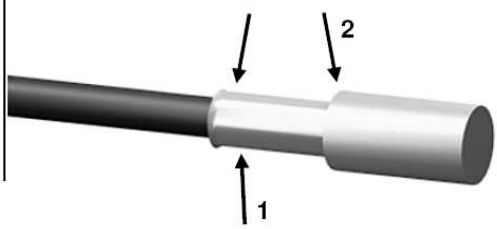
5

Slide the ferrule over the braid.



6

Crimp the ferrule with crimping tool (see connector TDS).
Cut the excess of braid if necessary.



Issue : 1005 A

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