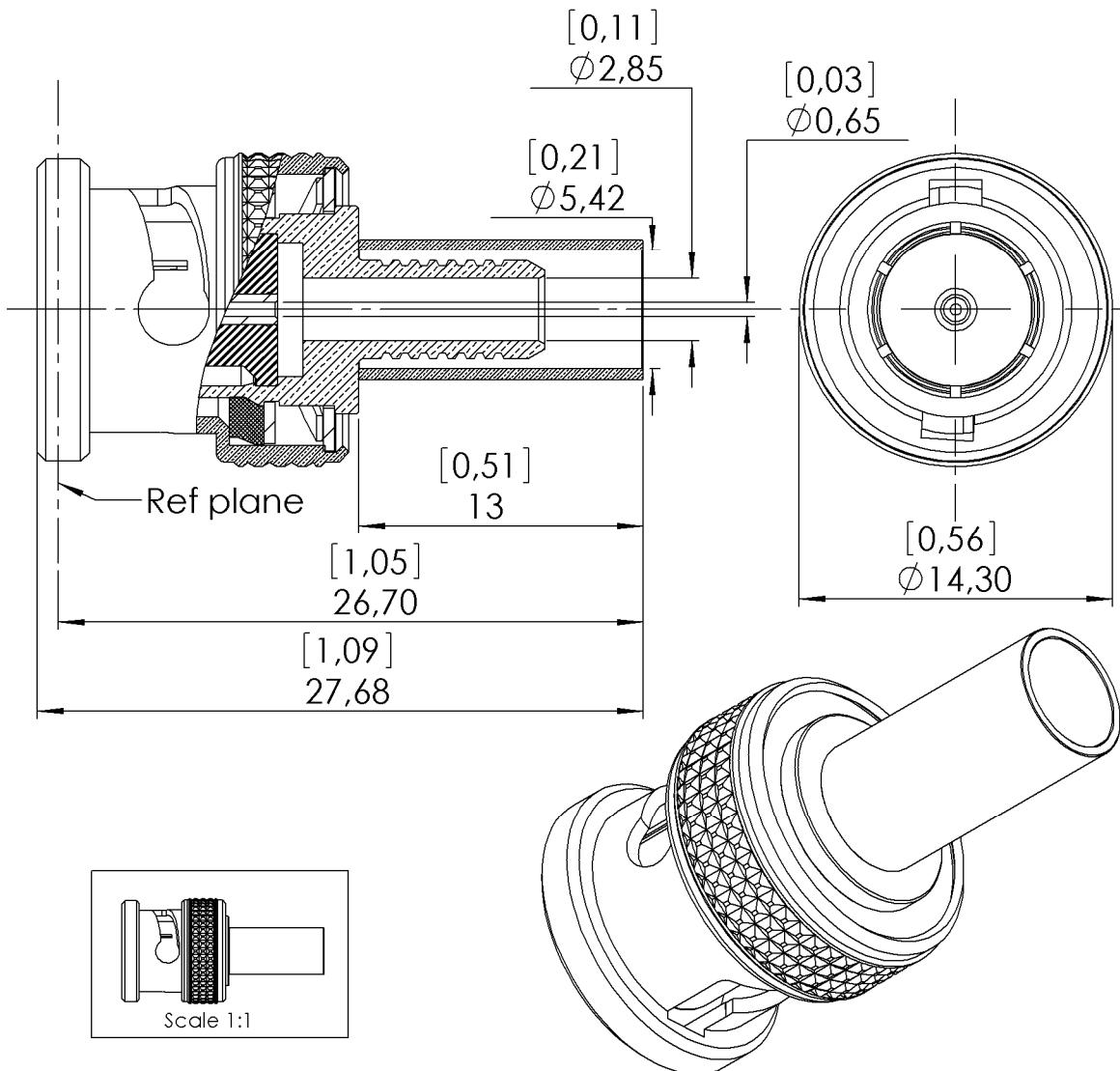


## STRAIGHT PLUG FULL CRIMP TYPE

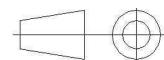
R142.077.702

CABLE 0.6/2.8 PACK.100

Series : BNC 75 HDTV



All dimensions are in mm.

PLATING ( $\mu\text{m}$ )

COMPONENTS	MATERIALS	PLATING ( $\mu\text{m}$ )
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.

## STRAIGHT PLUG FULL CRIMP TYPE

## CABLE 0.6/2.8 PACK.100

**R142.077.702**

Series : BNC 75 HDTV

PACKAGING

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

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>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> MΩ 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>8,8150</b> g

ENVIRONMENTAL

Operating temperature	<b>-65/+165</b> °C
Hermetic seal	Atm.cm <sup>3</sup> /s
Panel leakage	

SPECIFICATIONCABLE 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)  
DRAKA HDTV 0.6/2.8  
CAE HDTV HD 0628

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 M22520/5-11	5.41
R282.233.000	CRIMPING TOOL	5.41_ square 1.1

OTHER CHARACTERISTICS

Issue : 1001 C

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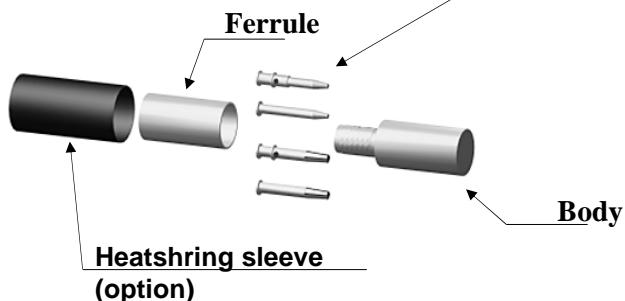
## STRAIGHT PLUG FULL CRIMP TYPE

R142.077.702

CABLE 0.6/2.8 PACK.100

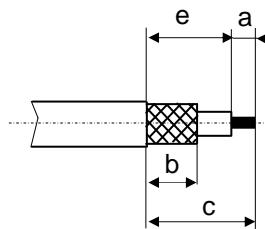
Series : BNC 75 HDTV

## COMPONENTS



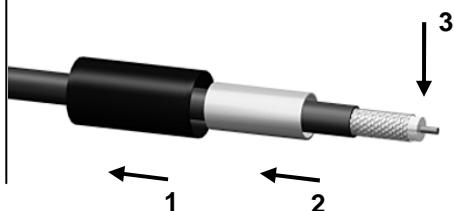
## Centre contact

## STRIPPING DIMENSIONS



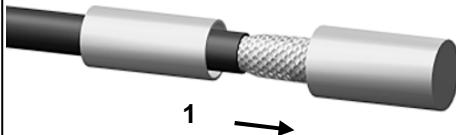
1

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



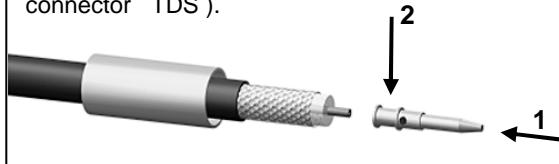
4

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



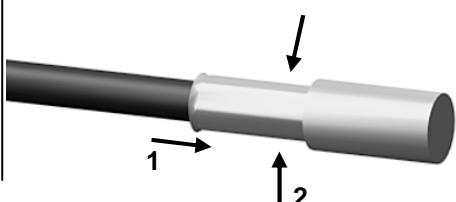
2

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



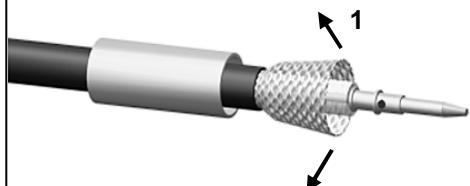
5

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



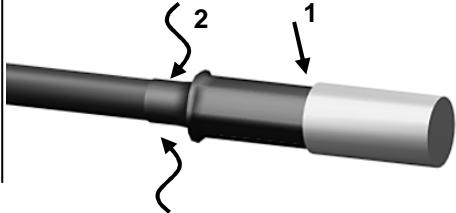
3

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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