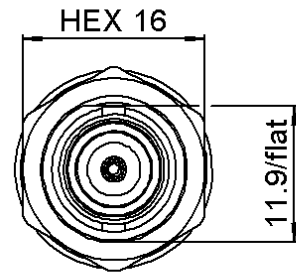
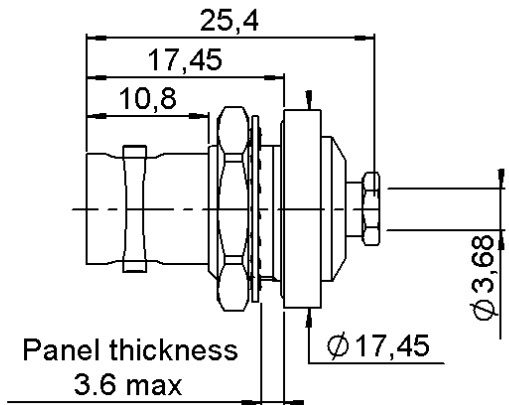


STRAIGHT BULKHEAD JACK PANNEL SEAL

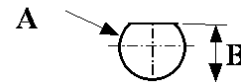
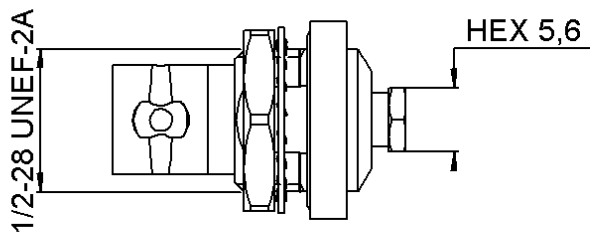
R141.338.007

CABLE .141 NON MAGNETIC

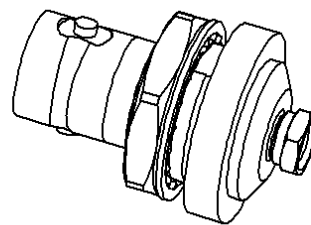
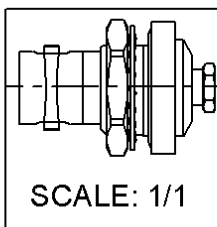
Series : BNC



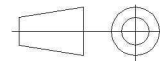
PANEL CUT OUT



mm		
	Maxi	mini
A	12.8	12.7
B	12.1	12



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BZ4	GBR 2
CENTER CONTACT	BERYLLIUM COPPER	Cu2.5 Au1.3
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	SILICONE RUBBER	-
OTHERS PARTS	BZ4	GBR 2
-	-	-
-	-	-

Issue : 0843 A

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



STRAIGHT BULKHEAD JACK PANNEL SEAL

R141.338.007

CABLE .141 NON MAGNETIC

Series : **BNC**

PACKAGING

Standard	Unit	Other
100	'W' option	Contact us

SPECIFICATION

ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-4	GHz
VSWR	1.3 + 0,0000	x F(GHz) Maxi
Insertion loss	0.2*	\sqrt{F} (GHz) dB Maxi
RF leakage	- (-55**)	- F(GHz)) dB Maxi
Voltage rating	500	Veff Maxi
Dielectric withstanding voltage	1500	Veff mini
Insulation resistance	5000	M Ω mini

CABLE ASSEMBLY

Stripping	a	b	c	d	e	f
mm	4,50	7,80	0,00	0,00	0,00	0,00

Assembly instruction :

Recommended cable(s)
NON MAGNETIC CABLE
UT141C AMAG

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 **300** N mini
- torque N.cm

MECHANICAL CHARACTERISTICS

Center contact retention		
Axial force – Mating end	27.2	N mini
Axial force – Opposite end		N mini
Torque	NA	N.cm mini

TOOLING

Part Number	Description	Hexagon
.	.	.

Recommended torque		
Mating		N.cm
Panel nut	370	N.cm
Clamp nut	70	N.cm
A/F clamp nut	11,9000	mm

OTHER CHARACTERISTICS

* at 3GHz
** from 2 to 3 GHz
NON MAGNETIC COMPONENT

Mating life	500	Cycles mini
Weight	4,8800	g

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}$ C
Hermetic seal		Atm.cm3/s
Panel leakage	IP64	

Issue : **0843 A**

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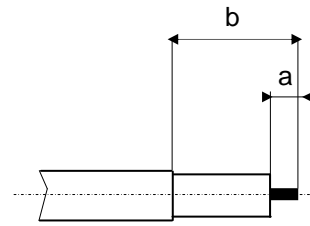
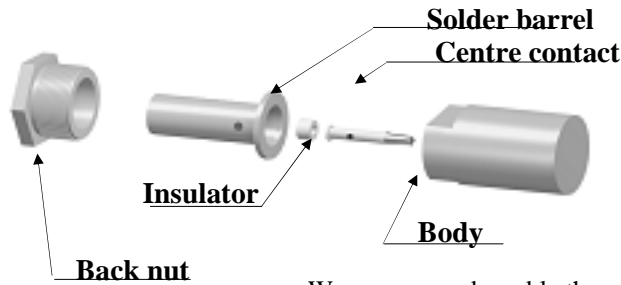
STRAIGHT BULKHEAD JACK PANNEL SEAL

CABLE .141 NON MAGNETIC

R141.338.007

Series : BNC

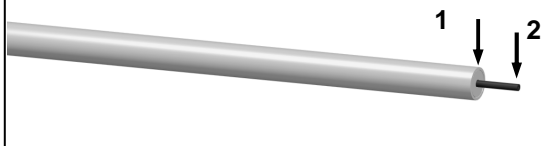
COMPONENTS



We recommend a cable thermal preconditioning before assembly

1

Strip the cable with the cable stripping tool
Trim the cable inner conductor with the trimmer.
Clean the cable.



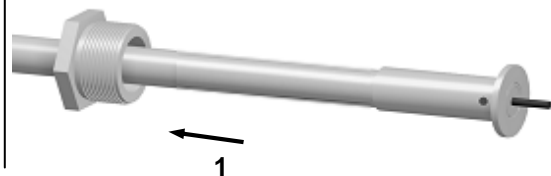
4

Slide insulator over center conductor, seating flush to dielectric.



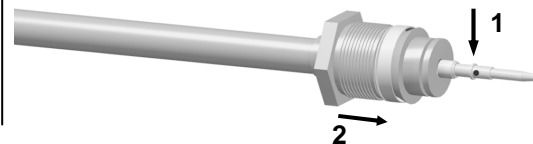
2

Slide the back nut, and the solder fitting over cable dielectric until bottoms on the cable jacket.



5

Solder contact to center conductor. Contact to be seated flush against insulator.



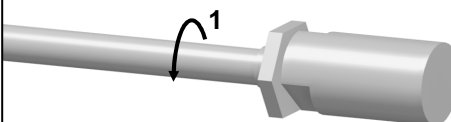
3

Solder the solder fitting to cable jacket. Do not disturb solder joint until it has cooled.



6

Insert cable assembly into connector body and tighten back nut at the recommended torque (see TDS).



Issue : 0843 A

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