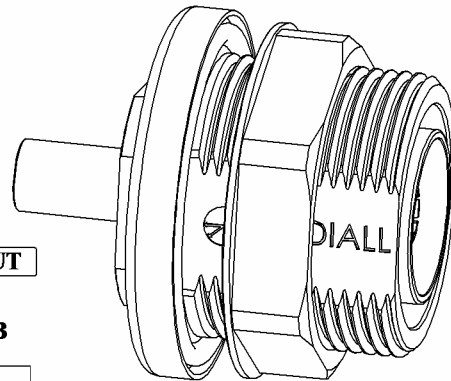
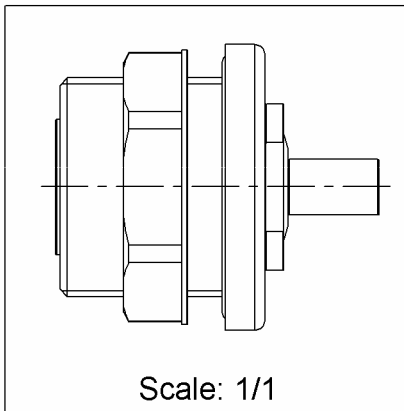
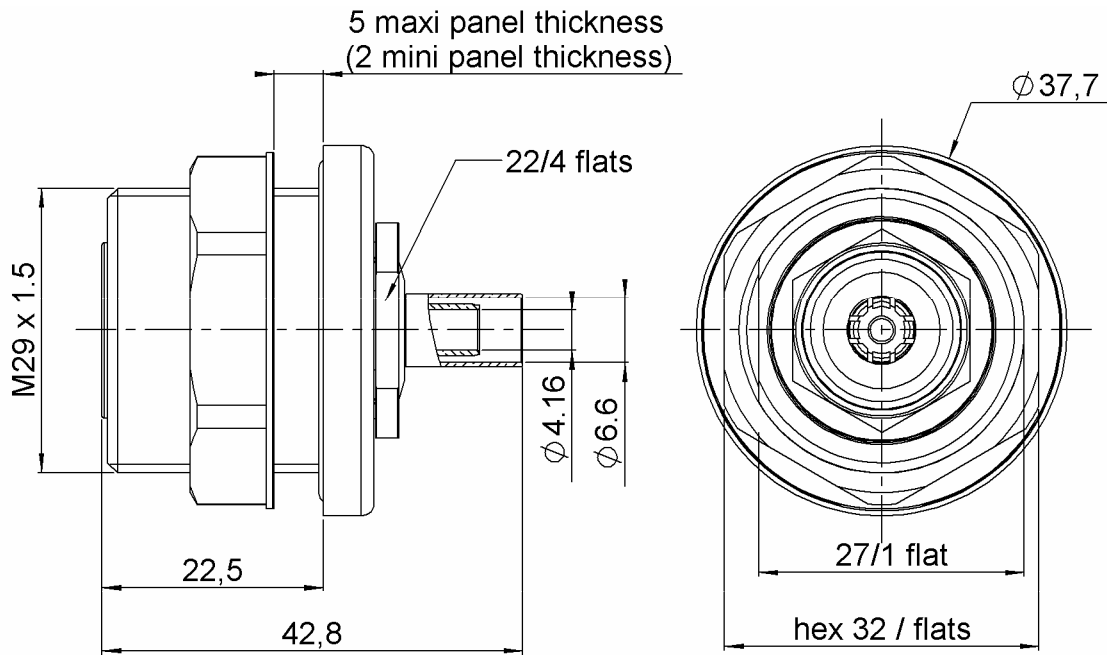


**STRAIGHT BULKHEAD JACK PANEL SEAL**

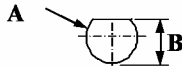
**R187.100.000**

**CRIMPING CABLE TYPE ECO230**

Series : 7/16  
**COMPOSITE**

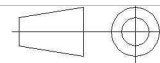


**PANEL CUT OUT**



mm		
	Maxi	mini
A	29.4	29.2
B	27.5	27.3

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	COMPOSITE MATERIAL - BLACK	-
CENTER CONTACT	BRONZE	SILVER 5 OVER COPPER 0.5
OUTER CONTACT	BRASS	BBR 0.5 OVER SILVER 3
INSULATOR	PTFE	-
GASKET	ETHYLENE PROPYLENE	-
OTHERS PARTS	BRASS	BBR 0.5 OVER SILVER 3
CRIMPING SLEEVE	BRASS	BBR 0.5 OVER SILVER 3
-	-	-

Issue : 0942 A

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



**STRAIGHT BULKHEAD JACK PANNEL SEAL**

**R187.100.000**

**CRIMPING CABLE TYPE ECO230**

Series : 7/16  
**COMPOSITE**

**PACKAGING**

Standard	Unit	Other
<b>20</b>	<b>'W' option</b>	<b>Contact us</b>

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-7.5</b>	GHz
VSWR	<b>*1.10 + 0,0000</b>	x F(GHz) Maxi
Insertion loss	<b>0.05</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- ( <b>NA</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>500</b>	Veff Maxi
Dielectric withstanding voltage	<b>1500</b>	Veff mini
Insulation resistance	<b>10000</b>	M $\Omega$ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	7,50	8,50	22,0	0,00	13,5	0,00

Assembly instruction :

Recommended cable(s)  
ECO 230

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 **NA** N.cm

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>200</b>	N mini
Axial force – Opposite end	<b>100</b>	N mini
Torque	<b>NA</b>	N.cm mini

**TOOLING**

Part Number	Description	Hexagon
.	.	.
R282.223.000	CRIMPING TOOL	
R282.235.013	CRIMPING DIES	
R282.293.000	CRIMPING TOOL M22520/5-01	
R282.868.270	ADAPTER SCREWING TOOL	

Recommended torque		
Mating	<b>2000</b>	N.cm
Panel nut	<b>2000</b>	N.cm
Clamp nut	<b>900</b>	N.cm
A/F clamp nut	<b>22,0000</b>	mm

Mating life (with composite)	<b>50</b>	Cycles mini
Mating life (with brass)	<b>100</b>	Cycles mini
Weight	<b>76,5400</b>	g

**OTHER CHARACTERISTICS**

- \*V.S.W.R : DC - 3GHz
- \*\*PIM3 : -90dBm (2 carries of +43dB)
- Crimp the panel nut all the 5 matings

**ENVIRONMENTAL**

Operating temperature	<b>-40/+85</b>	$^{\circ}$ C
Hermetic seal		Atm.cm3/s
Panel leakage	<b>IP67</b>	

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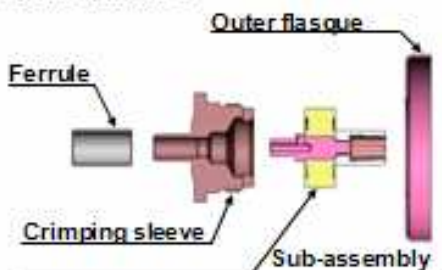
**STRAIGHT BULKHEAD JACK PANNEL SEAL**

**R187.100.000**

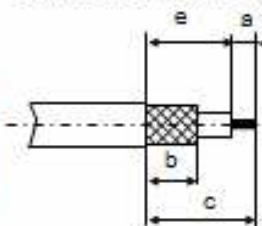
Series : 7/16  
COMPOSITE

**CRIMPING CABLE TYPE ECO230**

**COMPONENTS**



**STRIPPING DIMENSIONS**



**1**

Slide the ferrule onto the cable.  
Strip the cable.  
Fan the braid.  
Slide the cable into the crimping sleeve.

**4**

Solder the contact.

Window for the solder

Warm

**2**

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

**5**

Slide the outer flasque and the half body onto the crimping sleeve.

**3**

Slide the sub assembly (center contact+insulator) on until it bottoms against the front of crimping sleeve.

**6**

Mount and screw the body into the rear connector with the tool (see connector TDS).  
Recommended coupling torque (see connector TDS).

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