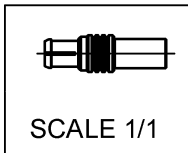
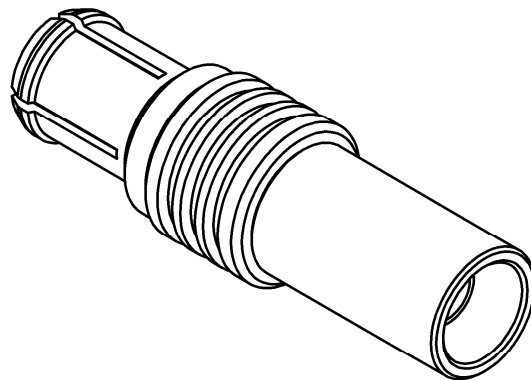
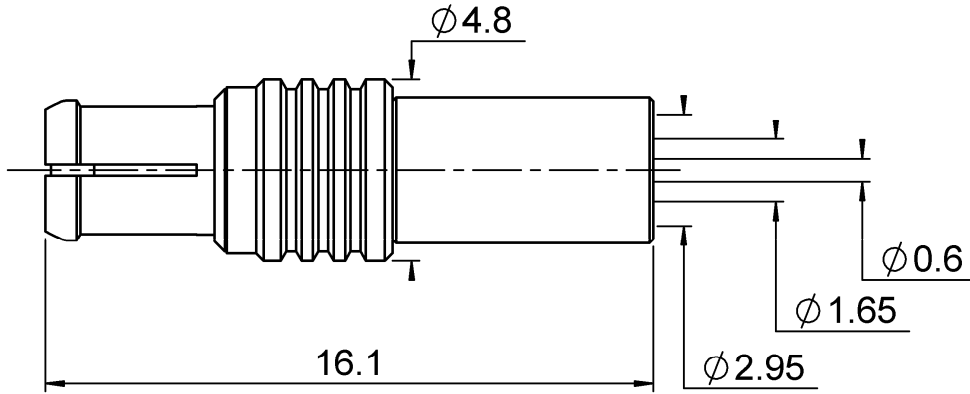


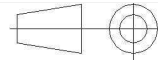
**STRAIGHT PLUG CRIMP TYPE**  
**NON MAGNETIC FULL DETENT CABLE 2.6/50S**

**R299.122.097**

Series : **DIVERS**



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	NON MAGNETIC BRONZE	BBR
CENTER CONTACT	NON MAGNETIC BRONZE	GOLD OVER COPPER
OUTER CONTACT	BERYLLIUM COPPER	BBR
INSULATOR	PTFE	
GASKET		
OTHERS PARTS	NON MAGNETIC BRONZE	BBR
-	-	-
-	-	-

Issue : 1145 A

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



**STRAIGHT PLUG CRIMP TYPE**

**R299.122.097**

**NON MAGNETIC FULL DETENT CABLE 2.6/50S**

Series : **DIVERS**

**PACKAGING**

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

**SPECIFICATION**

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b> Ω
Frequency		<b>0-6</b> GHz
VSWR	<b>1.1 +</b>	<b>0,0800</b> x F(GHz) Maxi
Insertion loss		<b>0.25</b> √F(GHz) dB Maxi
RF leakage	- (	<b>NA</b> - F(GHz)) dB Maxi
Voltage rating		<b>170</b> Veff Maxi
Dielectric withstanding voltage		<b>500</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	2,50	6,00	10,0	0,00	7,50	0,00

Assembly instruction : **Crimp 02**

Recommended cable(s)  
RG 316

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

**MECHANICAL CHARACTERISTICS**

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

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

Mating life	<b>50</b>	Cycles mini
Weight	<b>0,9980</b>	g

**TOOLING**

Part Number	Description	Hexagon
R282.235.003	CRIMPING DIES M22520/5-03	3.25
R282.271.000	CRIMPING TOOL	3.25 - SQUARE 0.72
R282.293.000	CRIMPING TOOL M22520/5-01	

**OTHER CHARACTERISTICS**

Distortion of the magnetic field :  
≤ 0.5 ppm@ 10 mm @ Bo = 1.5 Tesla  
30N mini between the connector and the gauge obtained by using the maximum internal dimensions gauge  
Standard : CECC22 220 PARA 2.2.2

**ENVIRONMENTAL**

Operating temperature	<b>-55/+125</b>	° C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

Issue : **1145 A**

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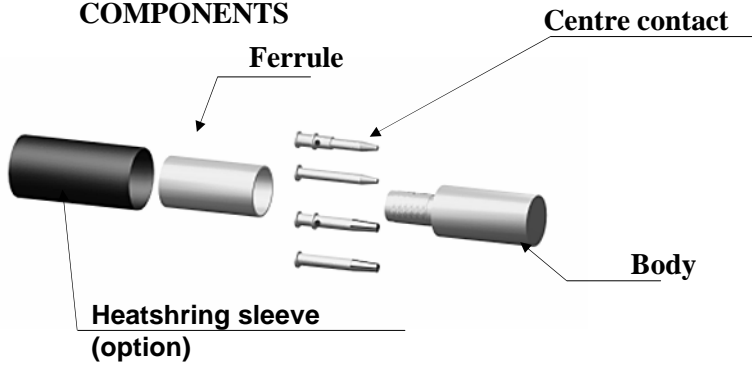


**STRAIGHT PLUG CRIMP TYPE**  
**NON MAGNETIC FULL DETENT CABLE 2.6/50S**

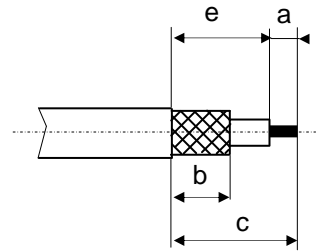
**R299.122.097**

Series : **DIVERS**

**COMPONENTS**

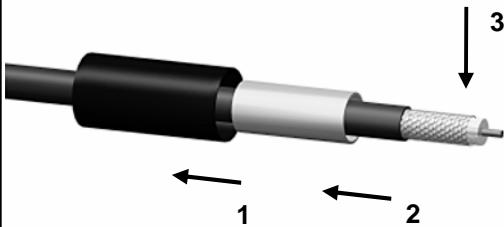


**STRIPPING DIMENSIONS**



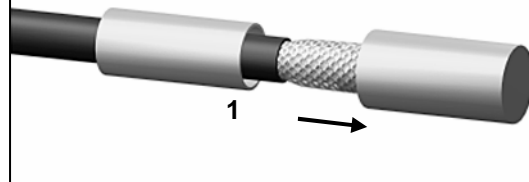
**1**

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



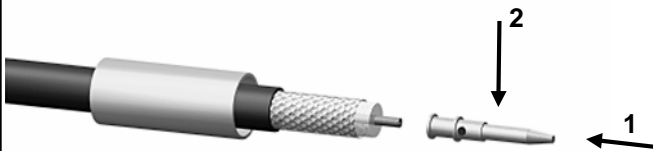
**4**

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



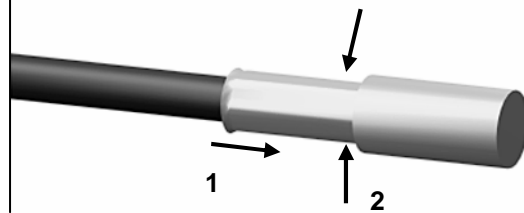
**2**

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



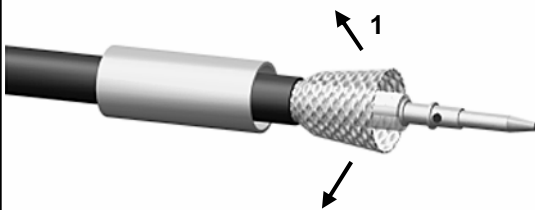
**5**

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



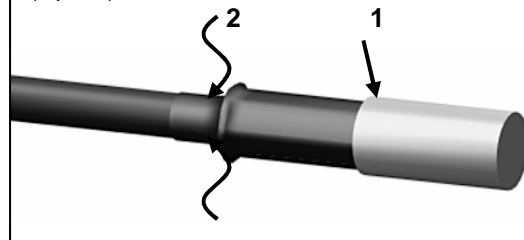
**3**

Fan the braid.



**6**

Cut the excess of braid if necessary.  
 Slide the sleeve over the ferrule and heatshrink it in place (Option).



Issue : 1145 A

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