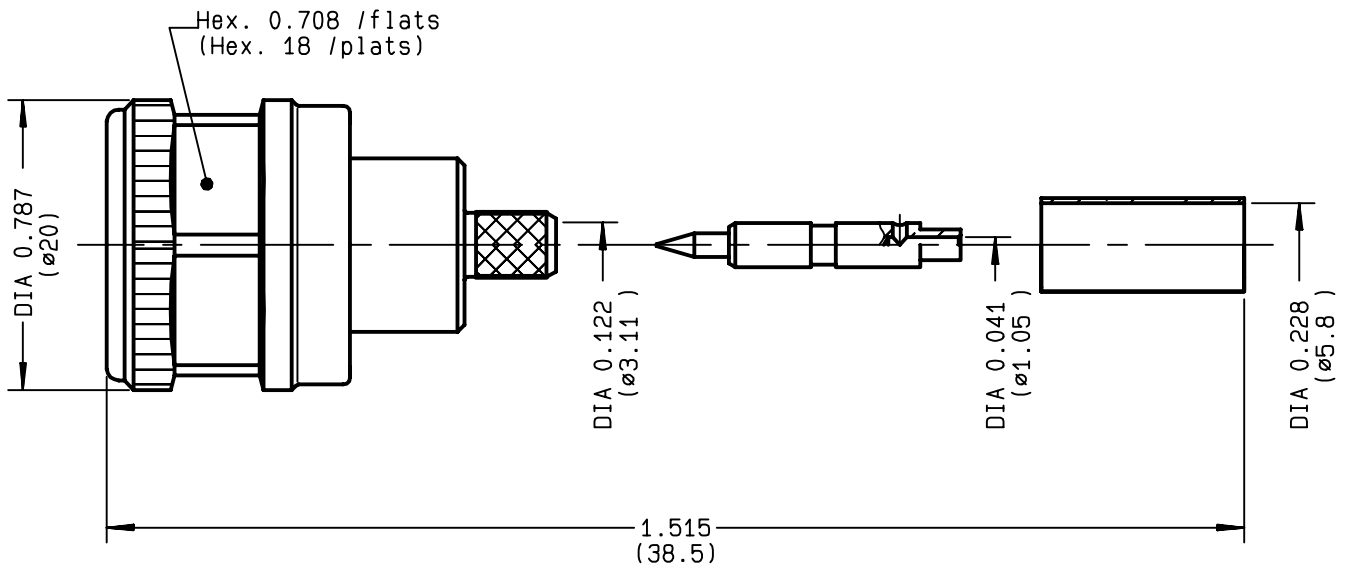


**STRAIGHT PLUG FULL CRIMP-TYPE  
CABLE 5/50 D**

**R161.083.137**  
**SERIES N**



NOMINAL IMPEDANCE	<b>50</b> Ω
FREQUENCY RANGE	<b>0-11</b> GHz
TEMPERATURE RATING	<b>-55/+155</b> °C
V.S.W.R	<b>1.15*</b> + x F(GHz)Maxi
RF INSERTION LOSS	<b>0.048</b> √F(GHz) dB Maxi
VOLTAGE RATING	<b>850</b> Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	<b>1500</b> Veff Mini
INSULATION RESISTANCE	<b>5000</b> MΩMini
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	<b>NA</b>
MECHANICAL DURABILITY	<b>500</b> Cycles
WEIGHT	<b>24.8</b> gr
SPECIFICATION	<b>* 0-2 GHz</b>

CABLES :	<b>KX 23</b>
	<b>RG 142</b>
	<b>RG 142 FTX</b>
	<b>RG 223</b>
	<b>RG 400</b>
OTHERS CHARACTERISTICS	
	<b>PIM3 &lt; -155 dBc (-112 dBm) 2x20W</b>
CABLE RETENTION	<b>200</b> N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	<b>27</b> N Mini
Axial force - opposite end	<b>27</b> N Mini
Torque	<b>NA</b> cm.N Mini
RECOMMENDED TORQUES	
Mating	<b>170</b> cm.N
Panel nut	<b>NA</b> cm.N
Clamp nut	<b>NA</b> cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	BBR 0.5 OVER SILVER 3	
OUTER CONTACT	BRASS	BBR 0.5 OVER SILVER 3	
CENTER CONTACT	BRASS	SILVER 3 OVER COPPER 0.5	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 0.5 OVER SILVER 3	

ISSUE	CREATION DATE	FILE PART-NUMBER
<b>9808D03</b>	<b>24/11/1993</b>	<b>93-1208-006</b>



LELEU

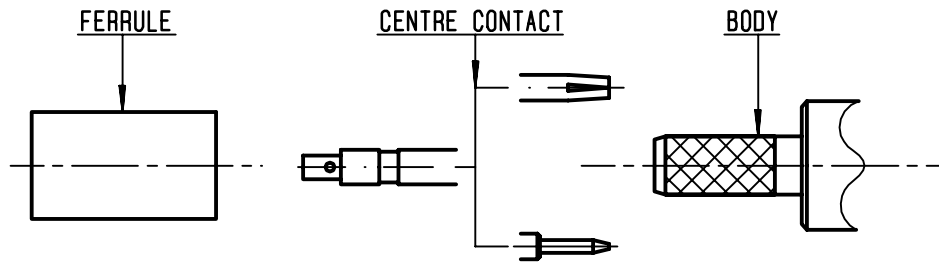
The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

*Connect to the future*



**R161.083.137**

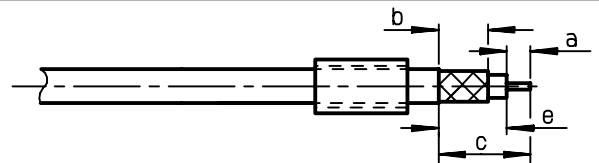
ISSUE **9808D03** SERIES **N**



①

Slide onto the cable the ferrule .  
Strip the cable.

-  
-  
-

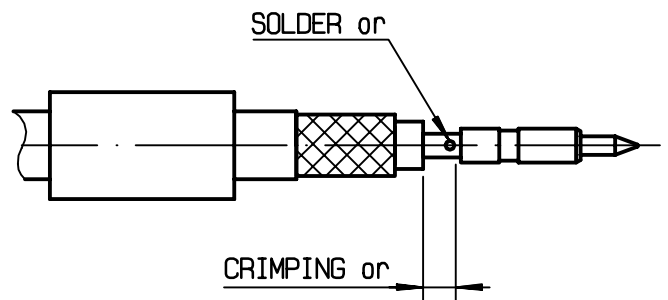


Stripping	a	b	c	d	e
inch	0.177	0.315	0.551	0	0.374
mm	4.5	8	14		9.5

②

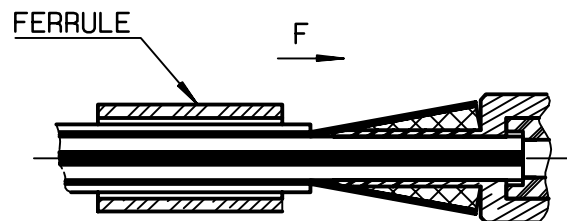
Slide on centre contact until it bottoms against cable dielectrique .  
Solder or crimp centre contact .  
Crimping tool :R 282 223 000 (hex: .068)  
or R282 293 000 (M22520/5-01) +  
dies R282 235 011 (M22520/5-11)  
( We advice to solder centre contact  
to improve electrical performances)

-



③

Fan the braid.  
Slide cable into the body until bottoms against insulator .  
Slide ferrule over the braid .  
(In direction F)



④

Crimp the ferrule with crimping tool  
R 282 223 000 ( Hex. : .213 ) or  
crimping tool M22520/5-01 ( R 282 293 000 )  
+ dies M22520/5-11 ( R 282 235 011 )  
Cut the excess of braid .  
Slide sleeve over ferrule  
in place .

-  
-

