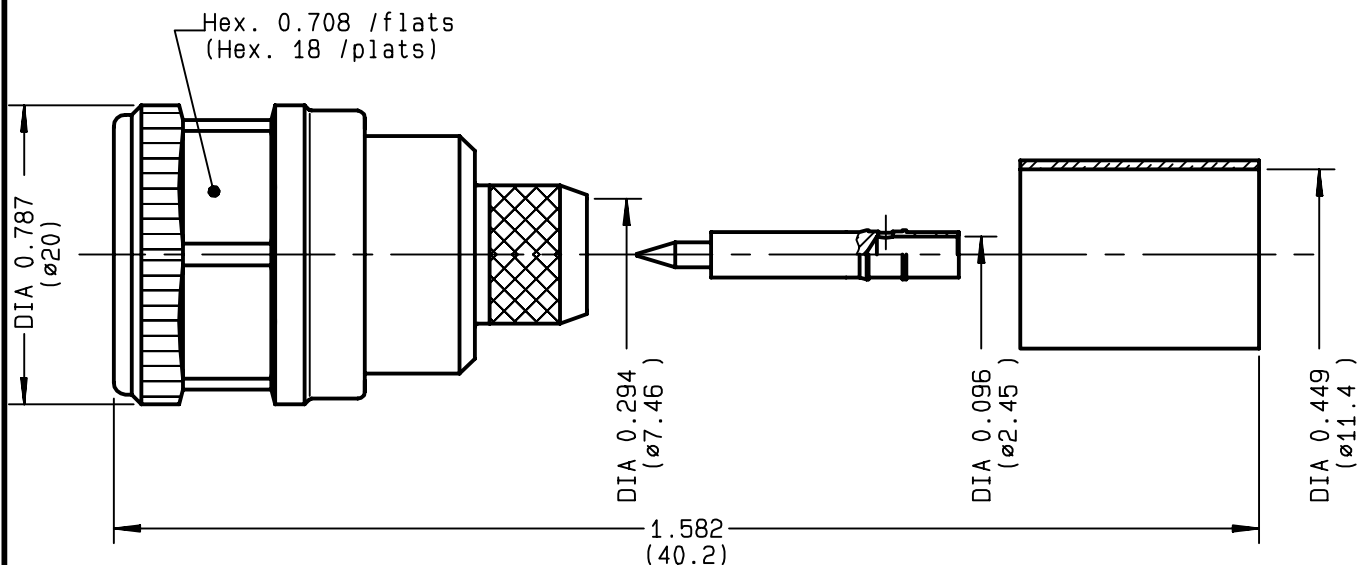


STRAIGHT PLUG FULL CRIMP-TYPE
CABLE 11/50 D
R161.088.137
SERIES N


NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-11	GHz
TEMPERATURE RATING	-55/+155	°C
V.S.W.R	1.15*	+ x F(GHz)Maxi
RF INSERTION LOSS	0.048	$\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	1400	Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	2500	Veff Mini
INSULATION RESISTANCE	5000	M Ω Mini
HERMETIC SEAL	NA	Atm.cm ³ /s
LEAKAGE (pressurized only)	NA	
MECHANICAL DURABILITY	500	Cycles
WEIGHT	34	gr
SPECIFICATION	* 0-2 GHz	

CABLES : **KX 13**
RG 214
RG 225

OTHERS CHARACTERISTICS

PIM3 < -155 dBc (-112 dBm) 2x20W

CABLE RETENTION	400	N Mini
CENTER CONTACT RETENTION		
Axial force - mating end	68	N Mini
Axial force - opposite end	68	N Mini
Torque	NA	cm.N Mini
RECOMMENDED TORQUES		
Mating	170	cm.N
Panel nut	NA	cm.N
Clamp nut	NA	cm.N

CONNECTOR PARTS MATERIALS

BODY	BRASS
OUTER CONTACT	BRASS
CENTER CONTACT	BRASS
INSULATOR	PTFE
GASKET	SILICONE RUBBER
OTHERS PIECES	BRASS

FINISH (all values are given in micrometers)

BBR 0.5 OVER SILVER 3
BBR 0.5 OVER SILVER 3
SILVER 3 OVER COPPER 0.5
-
-
BBR 0.5 OVER SILVER 3

Y. PERRIN

ISSUE
9808D04
CREATION DATE
24/11/1993
FILE PART-NUMBER
93-1208-007

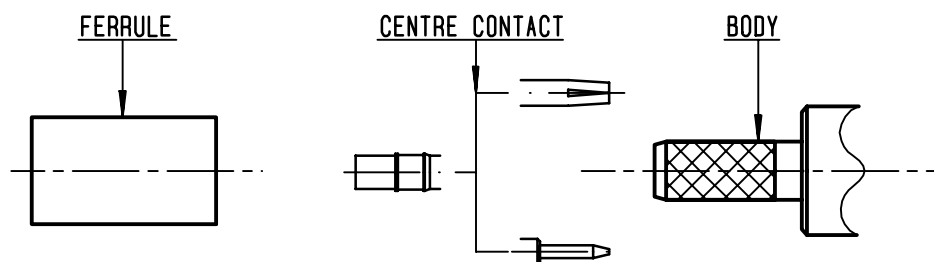
RADIALL®

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

Connect to the future

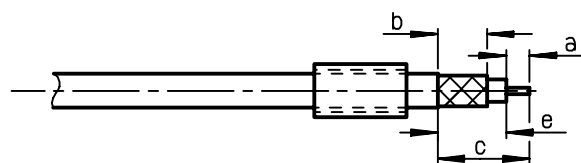
**R161.088.137**ISSUE **9808D04** SERIES

N

**①**

Slide onto the cable the ferrule
Strip the cable .

-
-



Stripping	a	b	c	d	e
inch	0.197	0.315	0.551	0	0.354
mm	5	8	14		9

②

Slide on centre contact until it
bottoms against cable dielectrique .

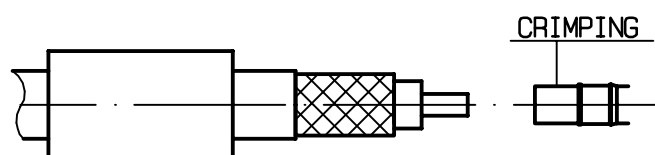
Crimp centre contact .

Crimping tool : R282 231 000 (Hex. : .100)

or R282 293 000 (M22520/5-01)

+ dies R282 235 116 (Y 116 DANIELS).

-
-



CRIMPING

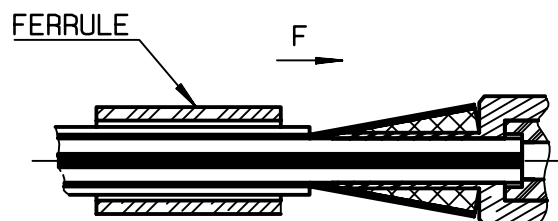
③

Fan the braid .

Slide cable dielectrique into the body
while gently ginding the braid over the knurl

Push until the dielectrique clicks into
position .

Slide ferrule over braid in direction F .



FERRULE

F

④

Crimp the ferrule with crimping tool

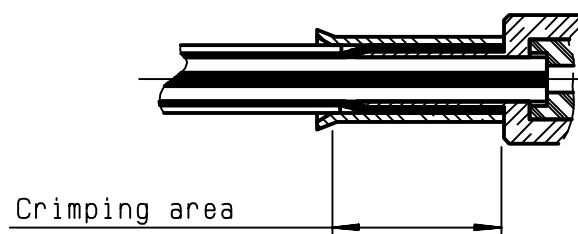
R 282 231 000 (Hex. : .415) or

crimping tool R282 293 000 (M22520/5-01)

+ dies R282 235 116 (Y 116 DANIELS).

Cut the excess of braid .

-
-



Crimping area

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Radial:

[R161088137](#) [R161088137W](#)