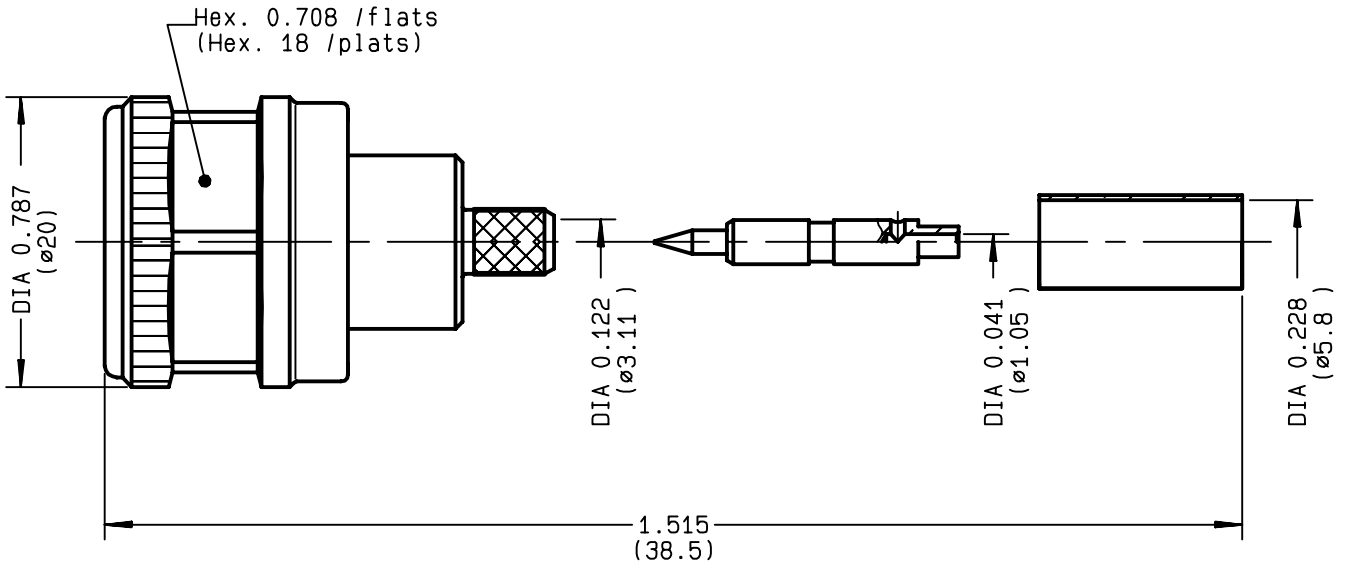


**STRAIGHT PLUG FULL CRIMP-TYPE
CABLE 5/50 D**

R161.083.137
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 √F(GHz) dB Maxi
VOLTAGE RATING	850 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1500 Veff Mini
INSULATION RESISTANCE	5000 MΩMini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	24.8 gr
SPECIFICATION	* 0-2 GHz

CABLES : **KX 23**
RG 142
RG 142 FTX
RG 223
RG 400

OTHERS CHARACTERISTICS

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

CABLE RETENTION	200 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	27 N Mini
Axial force - opposite end	27 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	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
9808D03	24/11/1993	93-1208-006



RADIALL®

Connect to the future

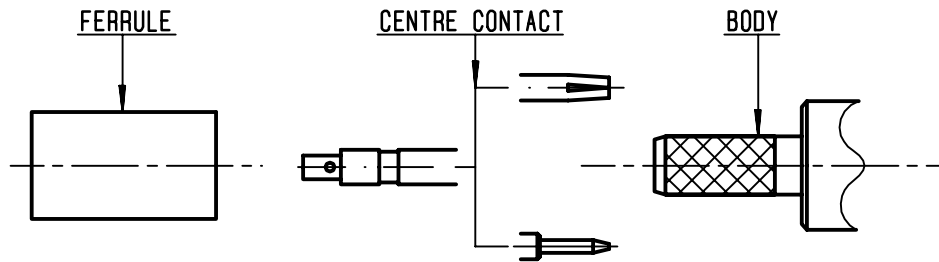
The information given here is subject to change without notice. Design changes may be in order to improve the product.

LELEU



R161.083.137

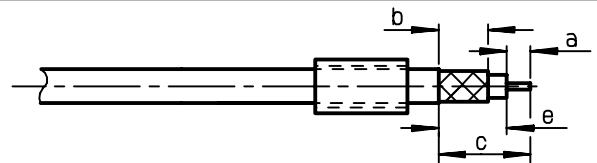
ISSUE 9808D03 SERIES N



①

Slide onto the cable the ferrule .
Strip the cable.

-
-
-

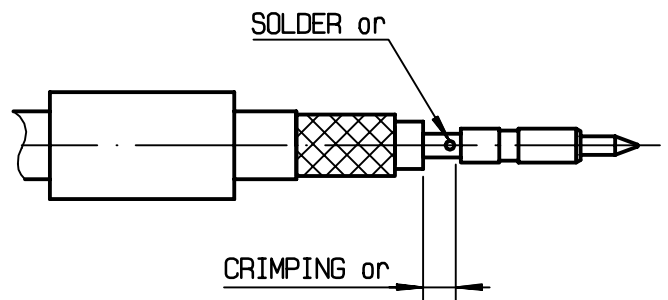


Stripping	a	b	c	d	e
inch	0.177	0.315	0.551	0	0.374
mm	4.5	8	14		9.5

②

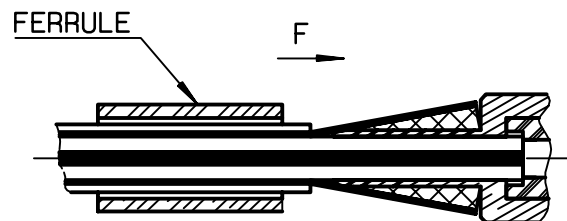
Slide on centre contact until it bottoms against cable dielectrique .
Solder or crimp centre contact .
Crimping tool :R 282 223 000 (hex: .068)
or R282 293 000 (M22520/5-01) +
dies R282 235 011 (M22520/5-11)
(We advice to solder centre contact
to improve electrical performances)

-



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 .

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