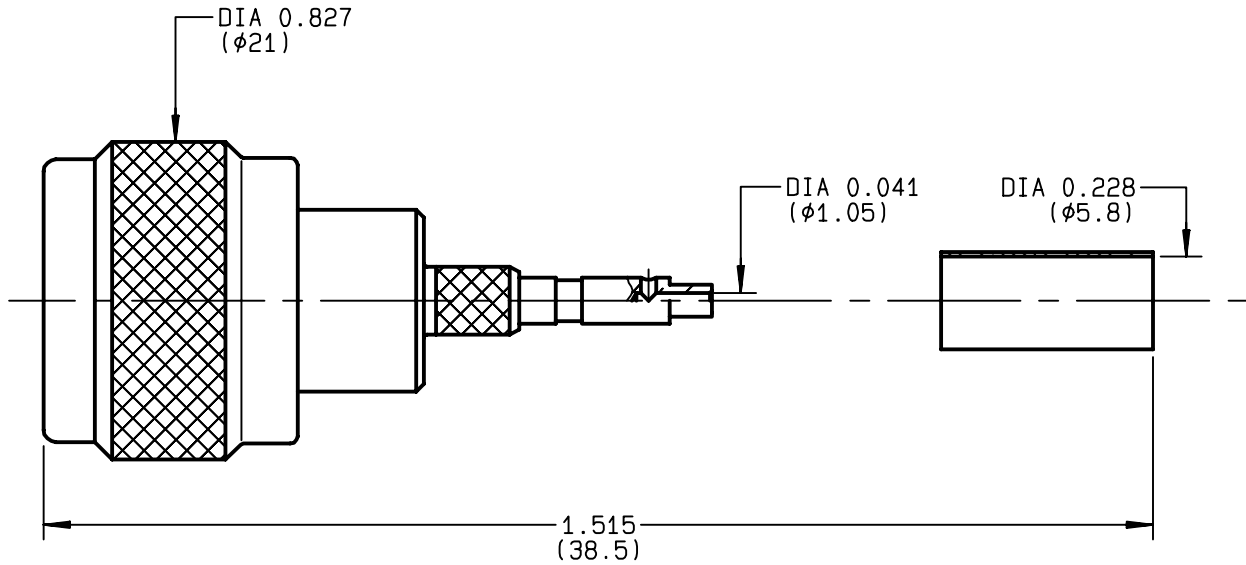


**STRAIGHT PLUG FULL CRIMP-TYPE  
CABLE 5/50 D**

**R161.083.000**  
SERIES N



NOMINAL IMPEDANCE	<b>50</b> Ω	CABLES : <b>KX 23</b> <b>RG 142</b> <b>RG 142 FTX</b> <b>RG 223</b> <b>RG 400</b>	
FREQUENCY RANGE	<b>0-11</b> GHz		
TEMPERATURE RATING	<b>-55/+155</b> °C		
V.S.W.R	<b>1.30</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		OTHERS CHARACTERISTICS
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s		CABLE RETENTION <b>200</b> N Mini
LEAKAGE (pressurized only)	<b>NA</b>		CENTER CONTACT RETENTION
MECHANICAL DURABILITY	<b>500</b> Cycles	Axial force - mating end <b>27</b> N Mini	
WEIGHT	<b>27.3</b> gr	Axial force - opposite end <b>27</b> N Mini	
SPECIFICATION		Torque <b>NA</b> cm.N Mini	
		RECOMMENDED TORQUES	
		Mating <b>130</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 2	
OUTER CONTACT	BRASS	BBR 2	
CENTER CONTACT	BRASS	GOLD 0.5 OVER NICKEL 2	
INSULATOR	PTFE	-	
GASKET	SILICONE RUBBER	-	
OTHERS PIECES	BRASS	BBR 2	

BONMINI

ISSUE	CREATION DATE	FILE PART-NUMBER
<b>9812J04</b>	<b>21/07/1993</b>	<b>EPC 96-07</b>



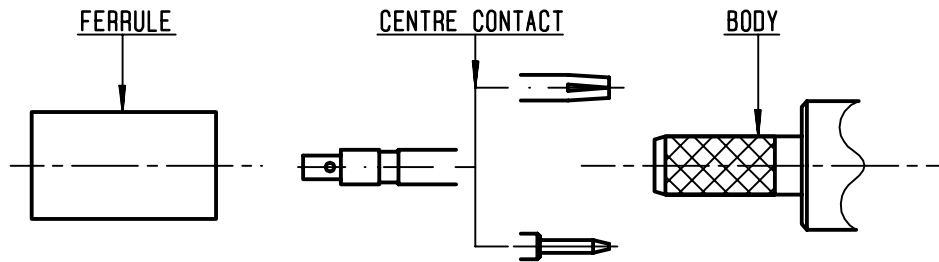
The information given here is subject to change without notice.  
Design changes may be in order to improve the product .

*Connect to the future*



**R161.083.000**

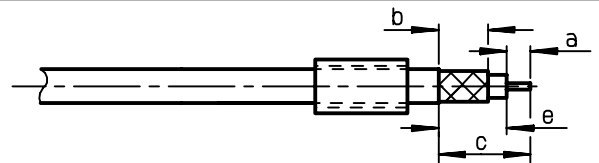
ISSUE **9812J04** SERIES **N**



①

Slide onto the cable the ferrule .  
Strip the cable .

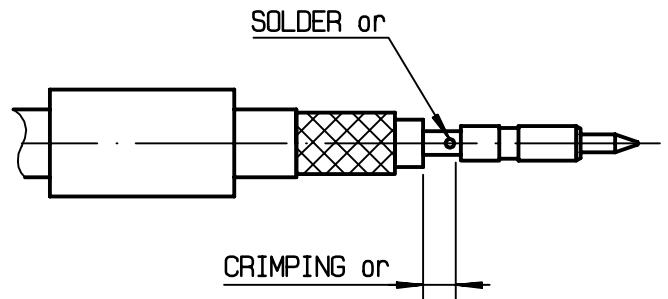
-  
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Stripping	a	b	c	d	e
inch	0.177	0.315	0.551	0	0.374
mm	4.5	8	14		9.5

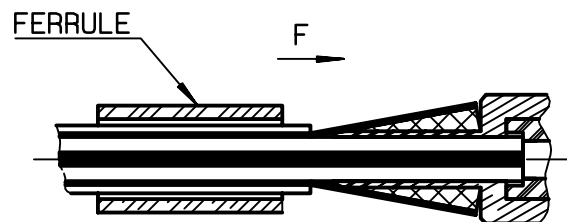
②

Slide on centre contact until it bottoms against cable dielectric .  
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 only with the cable to PTFE dielectric.)



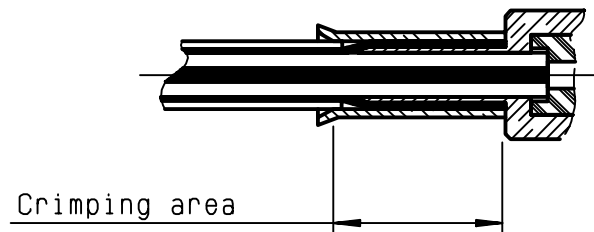
③

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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