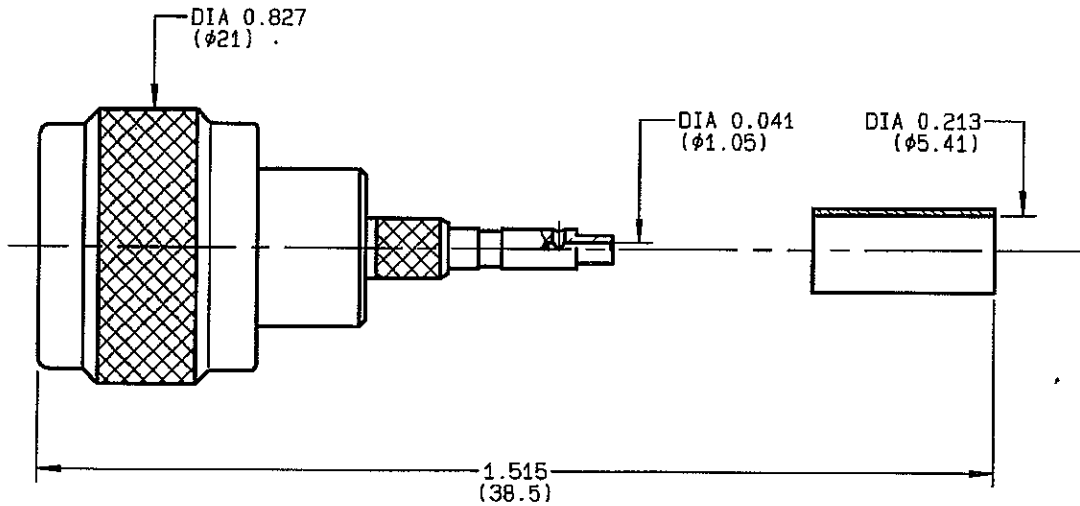


**STRAIGHT PLUG FULL CRIMP-TYPE  
CABLE 5/50 S**

**R161.082.000**  
SERIES **N**



NOMINAL IMPEDANCE	<b>50</b> Ω	CABLES : <b>BSSM 742</b>
FREQUENCY RANGE	<b>0-11</b> GHz	<b>KX 15</b>
TEMPERATURE RATING	<b>-55/+155</b> °C	<b>RS 141</b>
V.S.W.R	<b>1.30</b> + <b>0</b> x F(GHz)Maxi	<b>RS 58</b>
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> M ΩMini	OTHERS CHARACTERISTICS
HERMETIC SEAL	<b>NA</b> Atm.cm <sup>3</sup> /s	CABLE RETENTION <b>150</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>30</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	

BONOMINI

ISSUE  
**0701 E**

CREATION DATE  
**21/07/1993**

FILE PART-NUMBER  
**EPC 96-07**



**RADIALL®**

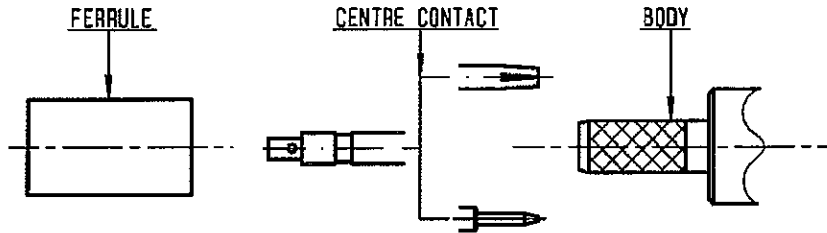
The information given here is subject to change without notice.  
Design changes may be in order to improve the product.

*Connect to the future*

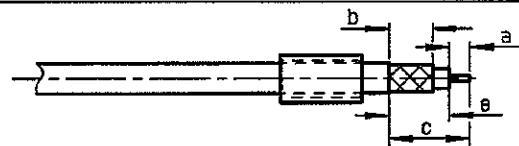


**R161.082.000**

ISSUE 0701 E SERIES N

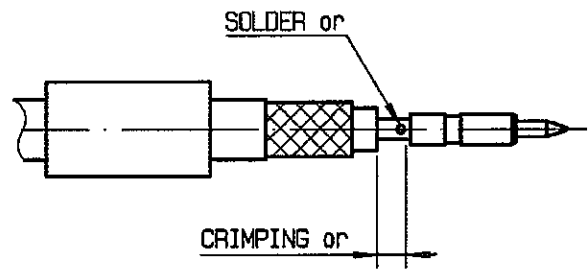


① Slide onto the cable the ferrule .  
Strip the cable.  
-  
-  
-

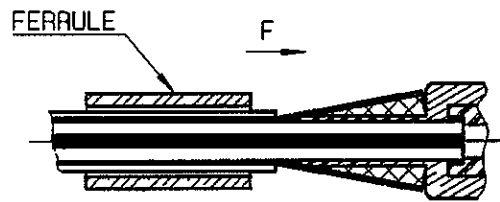


Stripping	a	b	c	d	e
inch	0.177	0.315	0.551	0	0.374
mm	4.5	8	14	0	9.5

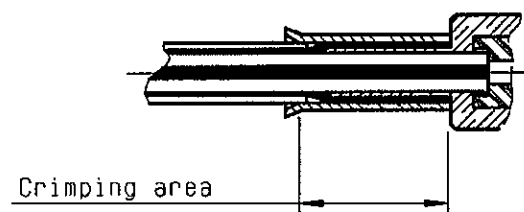
② Slide on center contact until it bottoms against cable dielectrique .  
Solder or crimp center contact .  
Crimping tool :R 282 223 000 (hex.:.068) or R282 293 000 (M22520/5-01) + dies R282 235 011 (M22520/5-11)  
( We advice to solder center contact to improve electrical performances only with the 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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