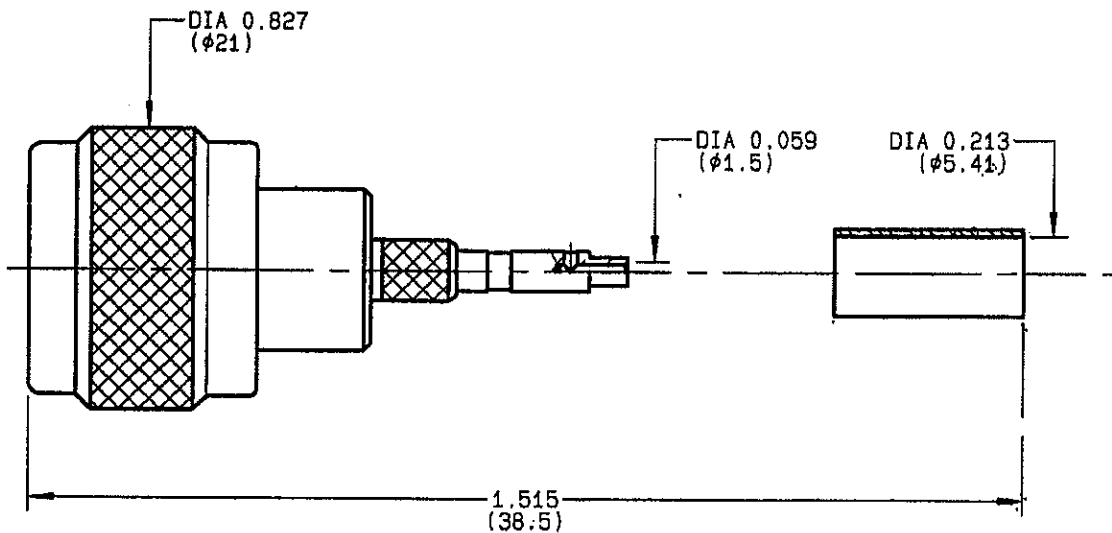


**STRAIGHT PLUG FULL CRIMP-TYPE
CABLE 5/50 S LMR200**

R161.082.200

SERIES

N



NOMINAL IMPEDANCE	50 Ω
FREQUENCY RANGE	0-11 GHz
TEMPERATURE RATING	-55/+155 °C
V.S.W.R	1.30 + x f(GHz)Maxi
RF INSERTION LOSS	0.048 \sqrt{f} (GHz) dB Maxi
VOLTAGE RATING	850 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1500 Veff Mini
INSULATION RESISTANCE	5000 M Ω Mini
HERMETIC SEAL	NA Atm.cm ³ /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	500 Cycles
WEIGHT	28.6 gr
SPECIFICATION	

CABLES LMR 200

OTHERS CHARACTERISTICS

CABLE RETENTION	150 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	130 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 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	

ISSUE	CREATION DATE	FILE PART-NUMBER
9812A01	08-APR-97	EPC 96-07



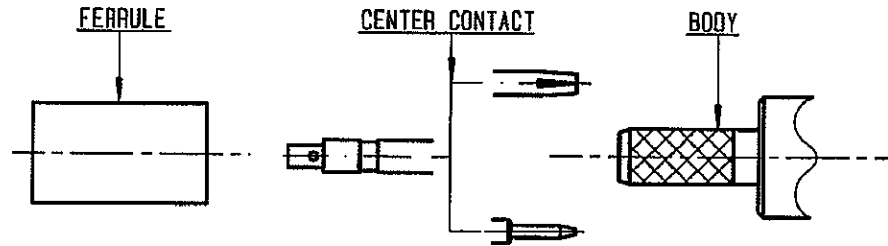
RADIALL®

The information given here is subject to change without notice.



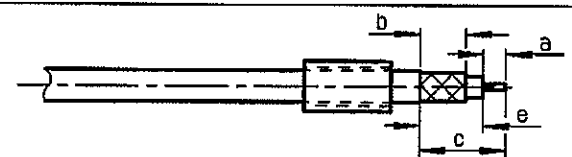
R161.082.200

ISSUE 9812A01 SERIES N



①

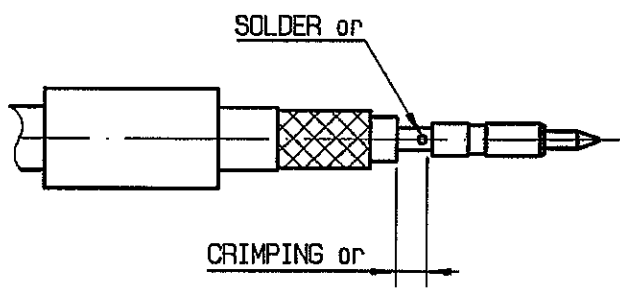
Slide onto the cable the ferrule .
Strip the cable .
-
-
-



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

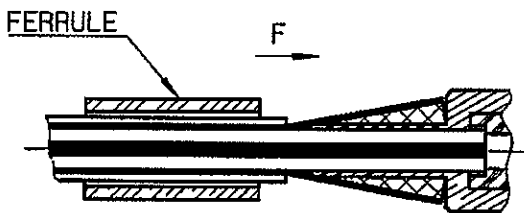
②

Slide on 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)



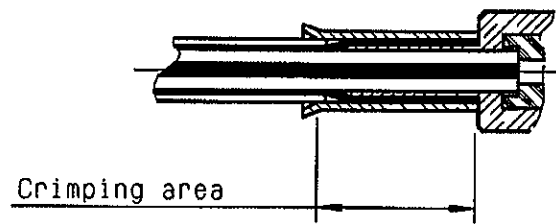
③

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 orimping tool M22520/5-01 (R 282 293 000) + dies M22520/5-11 (R 282 235 011)
Cut the excess of braid .



D. PIGNONCHON

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