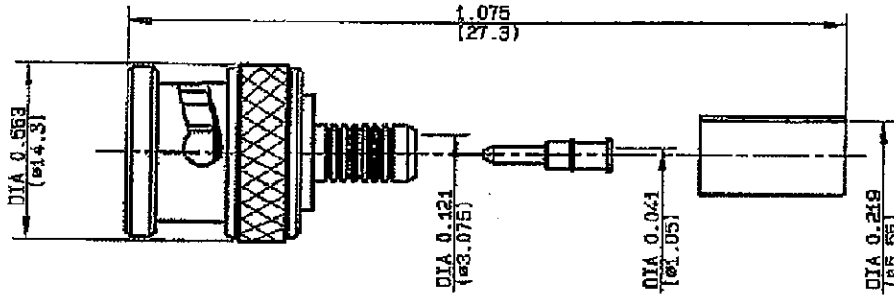


TECHNICAL DATA

<b>STRAIGHT PLUG CRIMP TYPE CABLE 5/50 S</b>	<b>R141.082.172</b> SERIES <b>BNC-COM</b>
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NOMINAL IMPEDANCE	50 $\Omega$
FREQUENCY RANGE	0-1.5 GHz
TEMPERATURE RATING	-35/+70 °C
V.S.W.R	NA + x F(GHz)Maxi
RF INSERTION LOSS	NA $\sqrt{F}$ (GHz) dB Maxi
VOLTAGE RATING	500 Veff Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1500 Veff Mini
INSULATION RESISTANCE	5000 M $\Omega$ Mini
HERMETIC SEAL	NA Atm.cm <sup>3</sup> /s
LEAKAGE (pressurized only)	NA
MECHANICAL DURABILITY	100 Cycles
WEIGHT	9 gr
SPECIFICATION	

CABLES : **KX 15**  
**RS 141**  
**RG 58**

PACKAGING		
Standard	Unit	Other
100	'W' option	Contact us

OTHERS CHARACTERISTICS	
CABLE RETENTION	90 N Mini
CENTER CONTACT RETENTION	
Axial force - mating end	10 N Mini
Axial force - opposite end	10 N Mini
Torque	NA cm.N Mini
RECOMMENDED TORQUES	
Mating	NA cm.N
Panel nut	NA cm.N
Clamp nut	NA cm.N

CONNECTOR PARTS	MATERIALS	FINISH	(all values are given in micrometers)
BODY	BRASS	NICKEL 2	
OUTER CONTACT			
CENTER CONTACT	BRASS	GOLD 0.2 OVER NICKEL 2	
INSULATOR	WHITE POLYPROPYLENE	-	
GASKET		-	
OTHERS PIECES			

GERALD U	ISSUE	CREATION DATE	FILE PART-NUMBER	<b>RADIALL®</b>
	0710 B00	16/01/1997	94-0106-658	

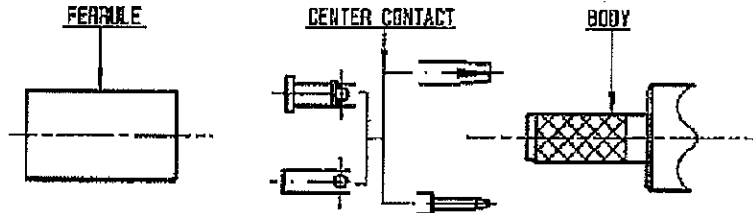
The information given here is subject to change without notice.  
Design changes may be in order to improve the product.

Connect to the future


RADIALL®

R141.082.172

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①

Slide ferrule onto cable  
Strip the cable .

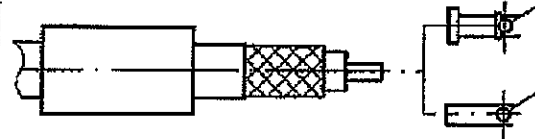


Stripping	a	b	c	d	e
inch	0.157	0.335	0.591	0	0.433
mm	4	8.5	15		11

②

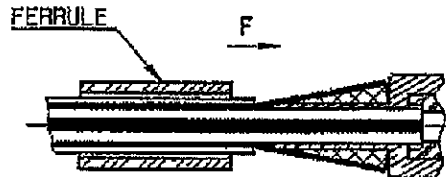
Slide center contact on until it bottoms against cable dielectric .  
Solder or crimp center contact .  
Crimping tool : R282 223 000 ( Hex. : 1.73 )  
or R282 293 000 ( M22520/5-01 )  
+ dies R282 235 011 ( M22520/5-11 )

SOLDER / CRIMPING



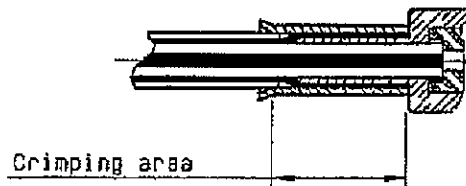
③

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. : 5.40 ) or  
crimping tool R282 293 000 ( M22520/5-01 )  
+ dies R282 235 011 ( M22520/5-11 )  
Cut excess of braid if necessary .



GERALD U