RADIALL® COAXIAL department

TECHNICAL DATA

R141.301.000

Issue : 9025

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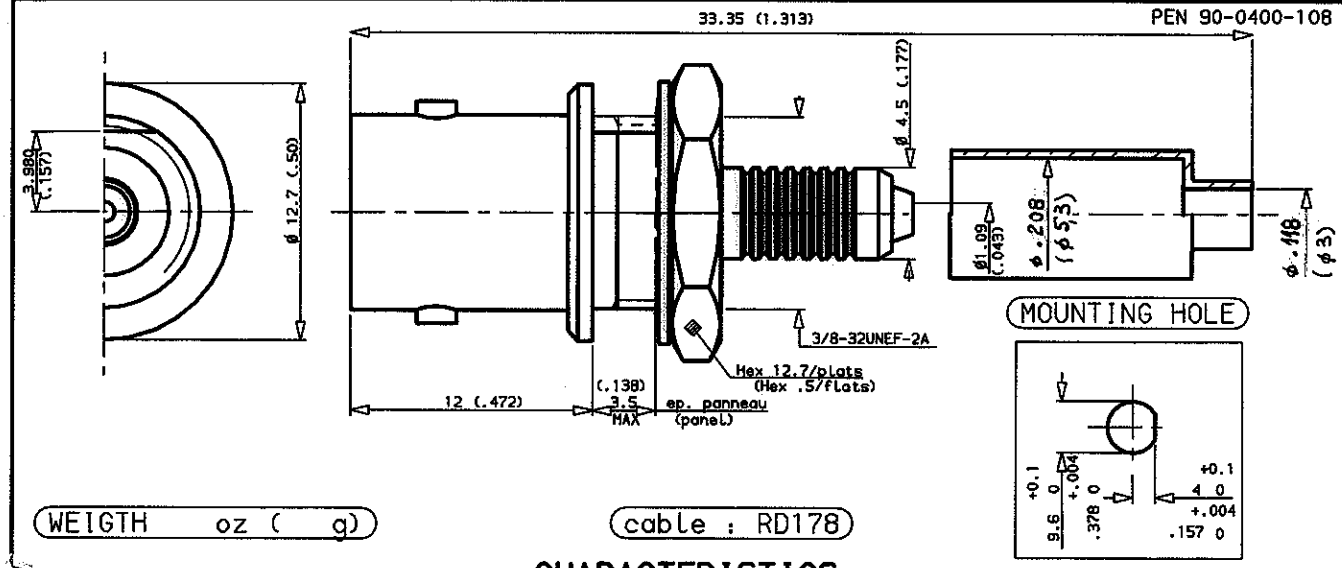
STRAIGHT BULKHEAD CABLE JACK -CRIMP TYPE FRONT MOUNTING CABLE 2/50 DOUBLE BRAID

SERIES: BNC

PEN 90-0400-108



WEIGTH oz (g)

cable : RD178

CHARACTERISTICS

NOMINAL IMPEDANCE	50	Ω
FREQUENCY RANGE	0-4	GHz
TEMPERATURE RATING	-65/+165	°C
VSWR	ND	Max
RF INSERTION LOSS	NA	√F dB Maxi
VOLTAGE RATING	ND	Vrms Maxi
DIELECTRIC WITHSTANDING VOLTAGE	1500	Vrms mini
INSULATION RESISTANCE	5000	MΩ mini
HERMETIC SEAL	NA	cc/s Atm.cm3/s
LEAKAGE (pressurized only)	NA	psi MPa
-		
-	-	

STANDARDISATION

CABLE RETENTION	ND	Lb mini N
CENTER CONTACT RETENTION		
Axial force - mating end	6.075 27	Lb mini N
Axial force - opposite end	6.075 27	Lb mini N
Torque (Min)	ND	Inch.oz cm.N
RECOMMANDED TORQUES		
Mating	NA	inch.Lb cm.N
Panel nut	22.15 250	inch.Lb cm.N
Clamp nut	NA	inch.Lb cm.N

CONSTRUCTION

CONNECTOR PARTS	MATERIALS	FINISH
BODY	BRASS	NICKEL
OUTER CONTACT	BRASS	NICKEL
CENTER CONTACT	BERYLLIUM COPPER	GOLD
INSULATORS	PTFE	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

ISSUE	REVISION No	DESCRIPTION	BY	DATE
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Initiated on 19-JUN-90

Superseded on __-__-__

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

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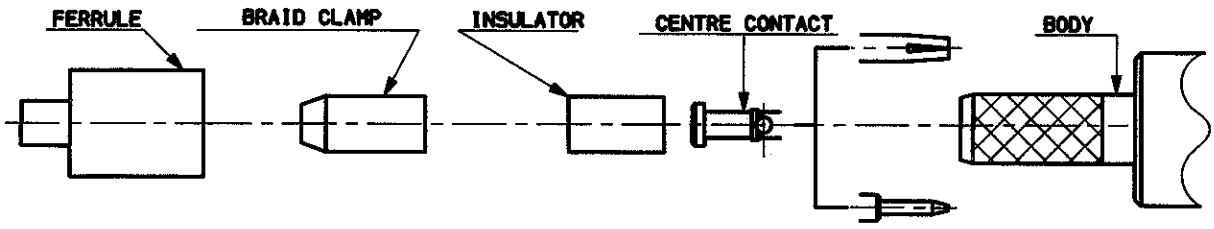
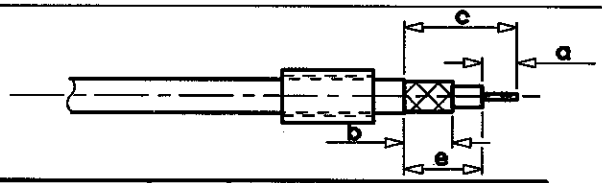


①

1-1 Slide onto the cable the ferrule

1-2 Strip the cable .

1-3 Fan and comb the braid



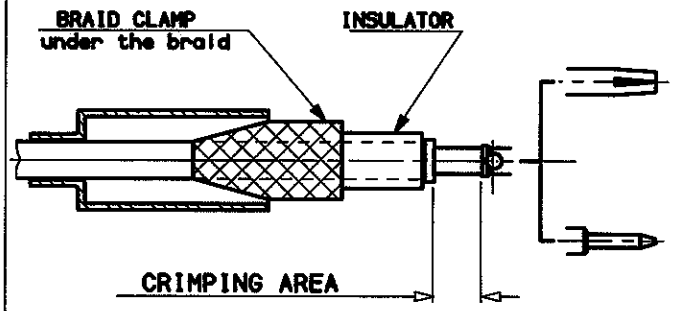
Stripping	a	b	c	d	e
inch	4	10	18.5	-	14.5
mm	.157	.394	.728	-	.571

②

2-1 Slide the braid clamp and insulator between the dielectric and the braid .

2-2 Slide on the centre contact until it bottoms against cable dielectric .

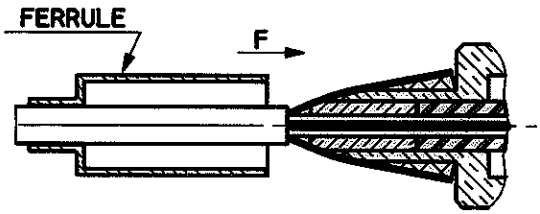
2-3 Crimp centre contact ,crimping tool R 282 235 011 (Hex. :1.73) or crimping tool M22520/5-01 + dies M22520/5-11



③

3-1 Slide cable into the body until bottoms against insulator .

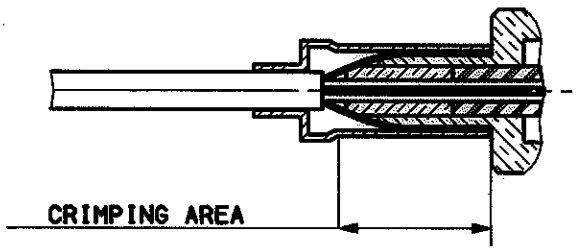
3-2 Slide ferrule over the braid (in direction F)



④

4-1 Crimp the ferrule with crimping tool R 282 235 011 (Hex. :5.40) or Crimping tool M22520/5-01 + dies M22520/5-11

4-2 Cut the excess of braid .



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