



**RADIALL®**  
COAXIAL department

# TECHNICAL DATA

R141.217.000

Issue : 0629 F

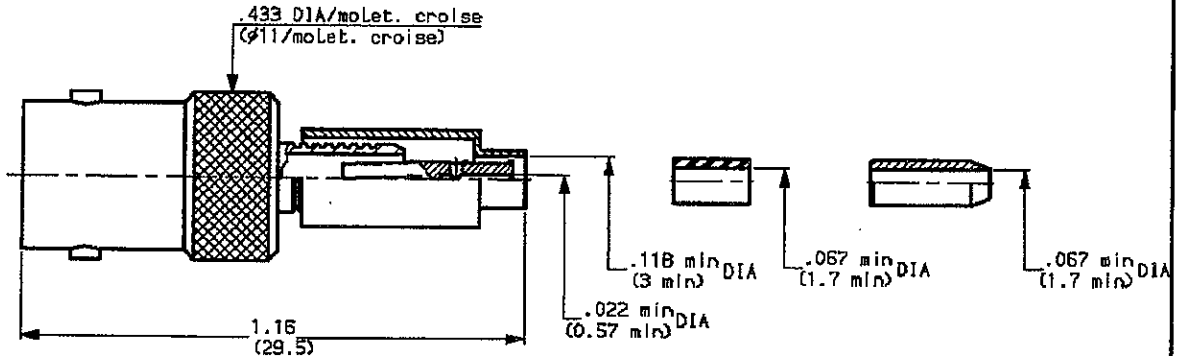
Page

STRAIGHT CABLE JACK-CRIMP TYPE  
CABLE 2.6/50

SERIES: BNC

1 / 2

PEN 91-0104-124



weight 0.35 oz ( 10 g)

(CABLES :RG188)

## CHARACTERISTICS

|                                 |                      |
|---------------------------------|----------------------|
| NOMINAL IMPEDANCE               | 50 $\Omega$          |
| FREQUENCY RANGE                 | 0-4 GHz              |
| TEMPERATURE RATING              | -65/+165 °C          |
| VSWR                            | AD Max               |
| RF INSERTION LOSS               | 0.11 /F dB Maxi      |
| VOLTAGE RATING                  | 500 Vrms Maxi        |
| DIELECTRIC WITHSTANDING VOLTAGE | 1500 Vrms mini       |
| INSULATION RESISTANCE           | 5000 Mo mini         |
| HERMETIC SEAL                   | NA cc/s<br>Atm.cm3/s |
| LEAKAGE (pressurized only)      | NA psi<br>MPa        |

|                     |                |
|---------------------|----------------|
| STANDARDISATION MIL | STD348-301/BNC |
| CECC                | 22120/BNC      |
| CEI                 | 169-8/BNC      |

CABLE RETENTION 9 Lb mini  
40 N

### CENTER CONTACT RETENTION

|                            |                    |
|----------------------------|--------------------|
| Axial force - mating end   | 5.075 Lb mini      |
| Axial force - opposite end | 5.075 Lb mini      |
| Torque (Min)               | NA Inch.oz<br>cm.N |

### RECOMMENDED TORQUES

|           |                    |
|-----------|--------------------|
| Mating    | NA inch.Lb<br>cm.N |
| Panel nut | NA inch.Lb<br>cm.N |
| Clamp nut | NA inch.Lb<br>cm.N |

## CONSTRUCTION

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

| ISSUE | REVISION No | DESCRIPTION                  | BY     | DATE     |
|-------|-------------|------------------------------|--------|----------|
| 3237  | 95.06.015   | braid clamp PTFE → Polyamide | Guarin | 17.09.97 |

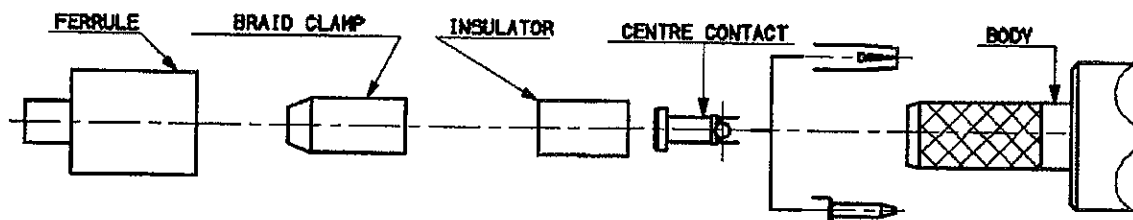
Initiated on 31-JAN-91

superseded on

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

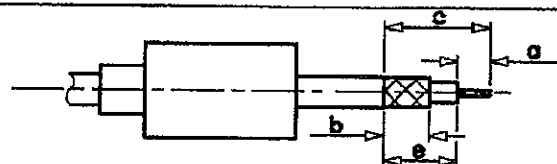


STRAIGHT CABLE JACK-CRIMP TYPE  
CABLE 2.6/50



①

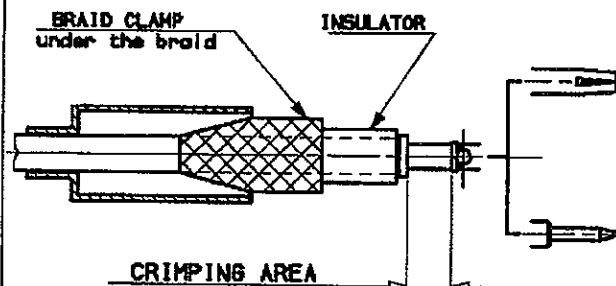
- 1-1 Slide onto the cable the ferrule
- 1-2 Strip the cable .
- 1-3 Fan the braid .



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

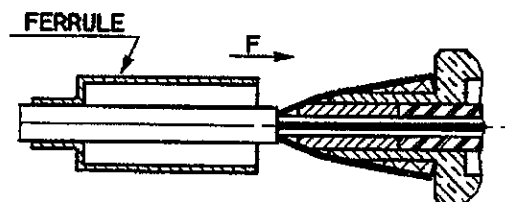
②

- 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 282 223 000 (Hex. : .068 ) or crimping tool M22520/5-01 + dies M22520/5-11



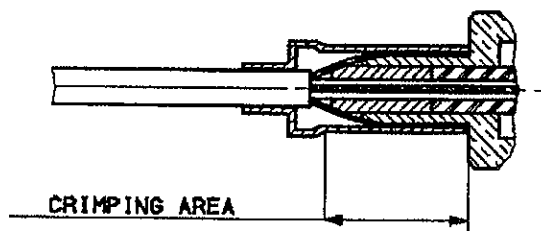
③

- 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 282 223 000 (Hex. : .213 ) or Crimping tool M22520/5-01 + dies M22520/5-11
- 4-2 Cut the excess of braid .



| ISSUE | REVISION No | DESCRIPTION | BY | DATE |
|-------|-------------|-------------|----|------|
| 1     | 1           |             |    |      |
| 2     | 2           |             |    |      |
| 3     | 3           |             |    |      |
| 4     | 4           |             |    |      |

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