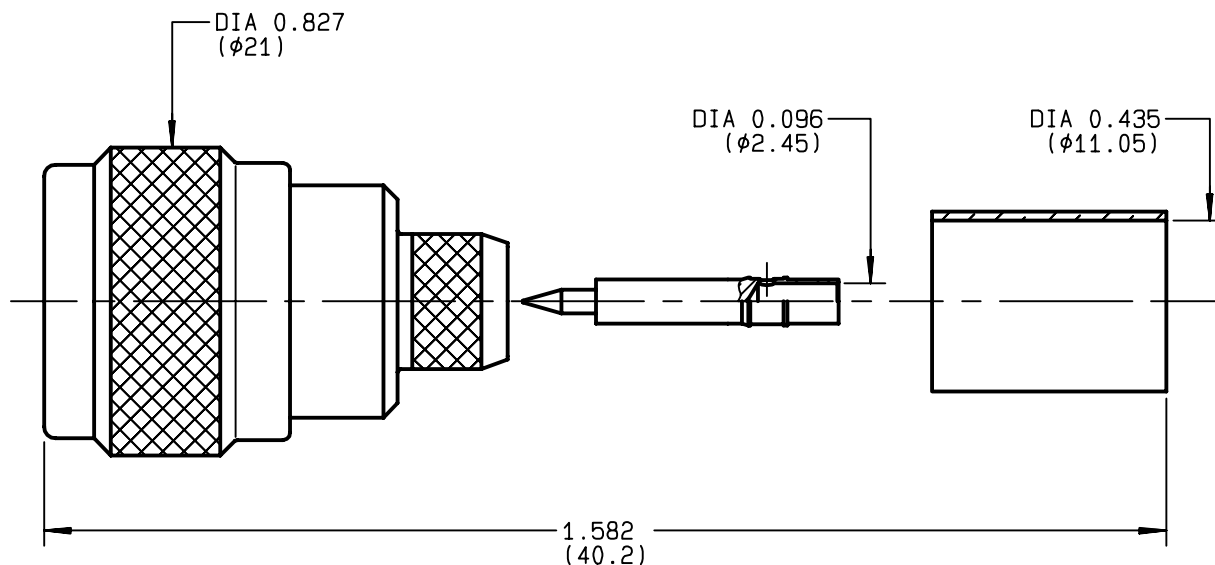


**STRAIGHT PLUG FULL CRIMP TYPE**  
**CABLE 10/50 S**
**R161.075.000**  
**SERIES N**


|                                 |                 |                                |
|---------------------------------|-----------------|--------------------------------|
| NOMINAL IMPEDANCE               | <b>50</b>       | $\Omega$                       |
| FREQUENCY RANGE                 | <b>0-11</b>     | GHz                            |
| TEMPERATURE RATING              | <b>-55/+155</b> | $^{\circ}\text{C}$             |
| V.S.W.R                         | <b>1.30</b> +   | x F(GHz)Maxi                   |
| RF INSERTION LOSS               | <b>0.048</b>    | $\sqrt{F}(\text{GHz})$ dB Maxi |
| VOLTAGE RATING                  | <b>1400</b>     | Veff Maxi                      |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>2500</b>     | Veff Mini                      |
| INSULATION RESISTANCE           | <b>5000</b>     | M $\Omega$ Mini                |
| HERMETIC SEAL                   | <b>NA</b>       | Atm.cm <sup>3</sup> /s         |
| LEAKAGE (pressurized only)      | <b>NA</b>       |                                |
| MECHANICAL DURABILITY           | <b>500</b>      | Cycles                         |
| WEIGHT                          | <b>35.8</b>     | gr                             |
| SPECIFICATION                   |                 |                                |

CABLES : **KX 4**  
**RG 165**  
**RG 213**

## OTHERS CHARACTERISTICS

|                            |            |           |
|----------------------------|------------|-----------|
| CABLE RETENTION            | <b>300</b> | N Mini    |
| CENTER CONTACT RETENTION   |            |           |
| Axial force - mating end   | <b>68</b>  | N Mini    |
| Axial force - opposite end | <b>68</b>  | N Mini    |
| 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 )<br>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                  |                                           |

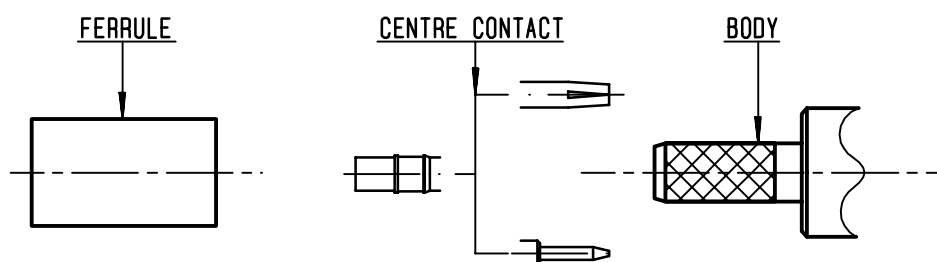
BONOMINI

**ISSUE**  
**0243S02**
**CREATION DATE**  
**21/07/1993**
**FILE PART-NUMBER**  
**EPC 96-07**

**RADIALL®**

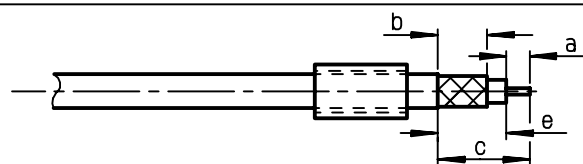
The information given here is subject to change without notice.  
 Design changes may be in order to improve the product .

*Connect to the future*

**R161.075.000**ISSUE **0243S02** SERIES**N****①**

Slide onto the cable the ferrule  
Strip the cable .

-  
-



| Stripping | a     | b     | c     | d | e     |
|-----------|-------|-------|-------|---|-------|
| inch      | 0.197 | 0.315 | 0.551 | 0 | 0.354 |
| mm        | 5     | 8     | 14    |   | 9     |

**②**

Slide on centre contact until it  
bottoms against cable dielectrique .

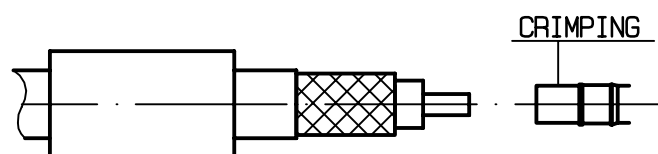
Crimp centre contact .

Crimping tool : R282 231 000 ( Hex. : .100 )

or R282 293 000 ( M22520/5-01 )

+ dies R282 235 116 ( Y 116 DANIELS ).

-  
-  
-

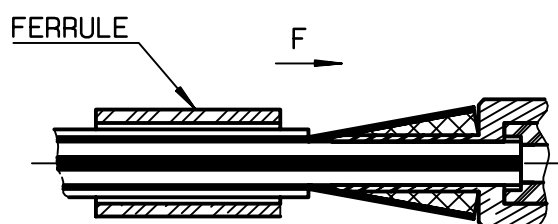
**③**

Fan the braid .

Slide cable dielectrique into the body  
while gently ginding the braid over the knurl

Push until the dielectrique clicks into  
position .

Slide ferrule over braid in direction F .

**④**

Crimp the ferrule with crimping tool

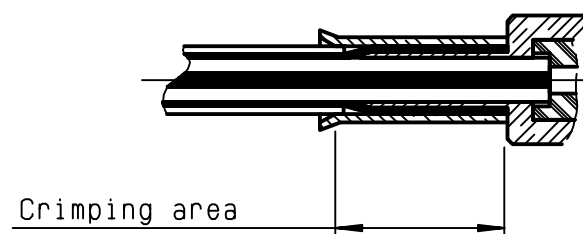
R 282 231 000 ( Hex. : .415 ) or

crimping tool R282 293 000 ( M22520/5-01 )

+ dies R282 235 116 ( Y 116 DANIELS ).

Cut the excess of braid .

-  
-



# Mouser Electronics

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Radial:

R161075000