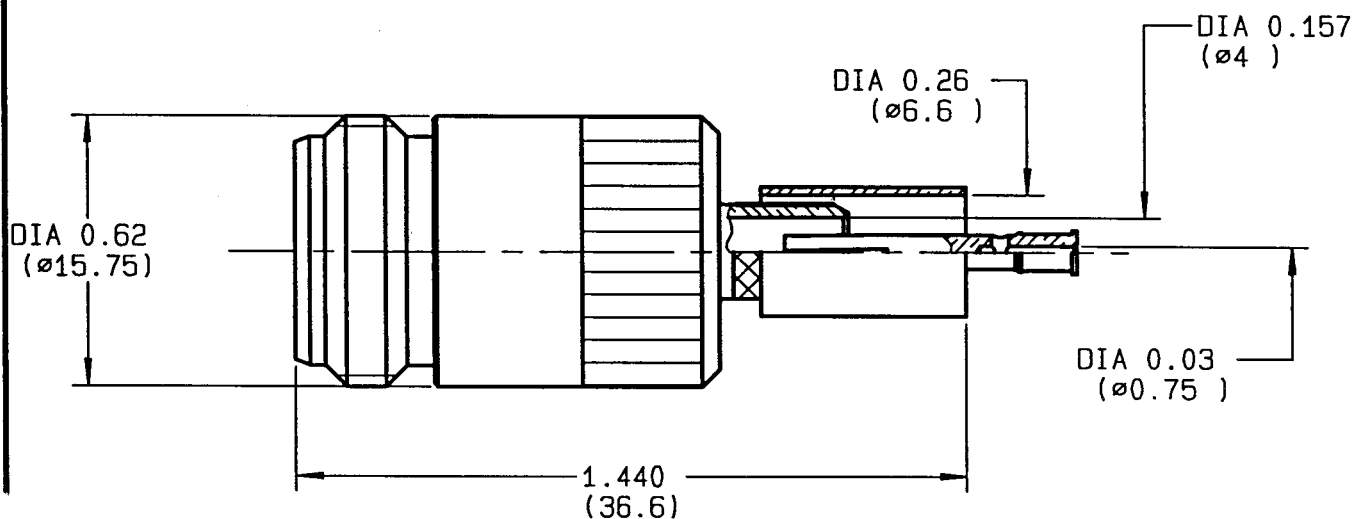


**STRAIGHT JACK FULL CRIMP-TYPE  
CABLE 6/75 S**
**R162.239.000**  
**SERIES N 75**


|                                 |                 |                                        |
|---------------------------------|-----------------|----------------------------------------|
| NOMINAL IMPEDANCE               | <b>75</b>       | $\Omega$                               |
| FREQUENCY RANGE                 | <b>0-1.5</b>    | GHz                                    |
| TEMPERATURE RATING              | <b>-55/+155</b> | $^{\circ}\text{C}$                     |
| V.S.W.R                         | <b>1.06</b> +   | $\times F(\text{GHz})\text{Maxi}$      |
| RF INSERTION LOSS               | <b>0.15</b>     | $\sqrt{F}(\text{GHz}) \text{ dB Maxi}$ |
| VOLTAGE RATING                  | <b>850</b>      | $V_{\text{eff}} \text{ Maxi}$          |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>1500</b>     | $V_{\text{eff}} \text{ Mini}$          |
| INSULATION RESISTANCE           | <b>5000</b>     | $M \Omega \text{ Mini}$                |
| HERMETIC SEAL                   | <b>NA</b>       | $\text{Atm.cm}^3/\text{s}$             |
| LEAKAGE (pressurized only)      | <b>NA</b>       |                                        |
| MECHANICAL DURABILITY           | <b>500</b>      | Cycles                                 |
| WEIGHT                          | <b>27.9</b>     | gr                                     |
| SPECIFICATION                   |                 |                                        |

**CABLES : KX 6A  
RG 59**
**OTHERS CHARACTERISTICS**

|                            |            |           |
|----------------------------|------------|-----------|
| CABLE RETENTION            | <b>200</b> | N Mini    |
| CENTER CONTACT RETENTION   |            |           |
| Axial force - mating end   | <b>27</b>  | N Mini    |
| Axial force - opposite end | <b>27</b>  | N Mini    |
| Torque                     | <b>NA</b>  | cm.N Mini |
| RECOMMENDED TORQUES        |            |           |
| Mating                     | <b>NA</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  | BERYLLIUM COPPER | GOLD 0.5 OVER NICKEL 2 |                                           |
| INSULATOR       | PTFE             | -                      |                                           |
| GASKET          |                  | -                      |                                           |
| OTHERS PIECES   | BRASS            | BBR 2                  |                                           |

ISSUE

9732C00

CREATION DATE

27-OCT-94

FILE PART-NUMBER


**RADIALL®**

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

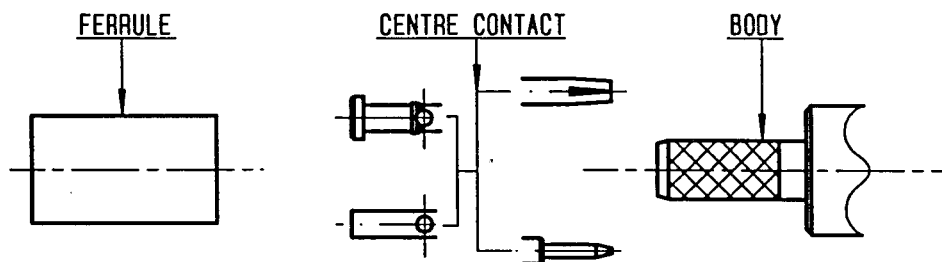
*Connect to the future*


**RADIALL®**
**R162.239.000**

ISSUE 9732C00

SERIES

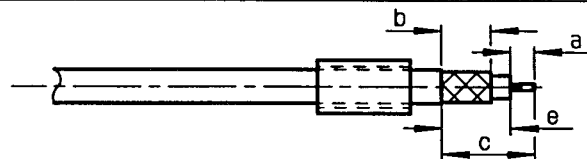
N 75



①

Slide onto the cable the ferrule  
Strip the cable .

-  
-



| Stripping | a     | b     | c    | d | e     |
|-----------|-------|-------|------|---|-------|
| inch      | 0.177 | 0.295 | 0.61 | 0 | 0.433 |
| mm        | 4.5   | 7.5   | 15.5 |   | 11    |

②

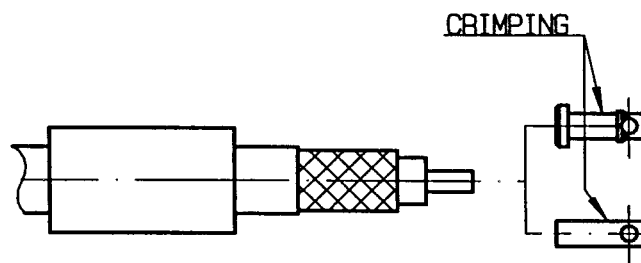
Slide on centre contact until it  
bottoms against cable dielectrique .

Crimp centre contact .

Crimping tool : R282 223 000 ( Hex. : 0.068 )  
or R282 293 000 ( M22520/5-01 )

+ dies R282 235 011 ( M22520/5-11 ) .

-

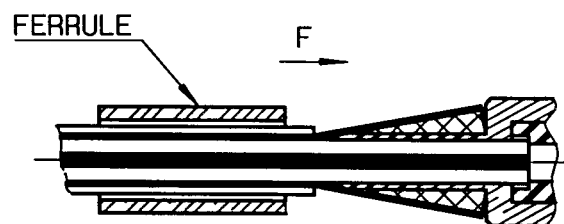


③

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. : 0.255 ) or  
crimping tool R282 293 000 ( M22520/5-01 )  
+ dies R282 235 013 ( M22520/5-13 )

Cut the excess of braid .

-

