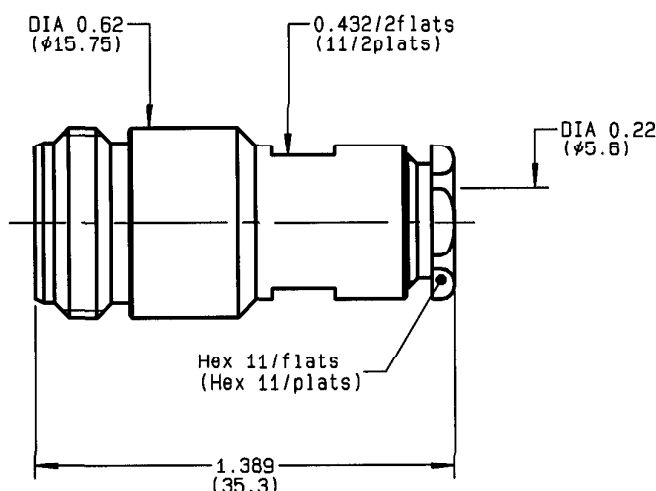


**STRAIGHT JACK CLAMP TYPE**  
**CABLE 5/50 S+D**
**R161.206.000**  
**SERIES N**


|                                 |                                       |
|---------------------------------|---------------------------------------|
| NOMINAL IMPEDANCE               | <b>50</b> $\Omega$                    |
| FREQUENCY RANGE                 | <b>0-11</b> GHz                       |
| TEMPERATURE RATING              | <b>-55/+155</b> °C                    |
| V.S.W.R                         | <b>1.20</b> + x F(GHz)Maxi            |
| RF INSERTION LOSS               | <b>0.048</b> $\sqrt{F}$ (GHz) dB Maxi |
| VOLTAGE RATING                  | <b>850</b> Veff Maxi                  |
| DIELECTRIC WITHSTANDING VOLTAGE | <b>1500</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>30.4</b> gr                        |
| SPECIFICATION                   |                                       |

CABLES : **KX 15**  
**KX 23**  
**R6 141**  
**R6 142**  
**R6 142 FTX**  
**R6 223**  
**R6 400**  
**R6 58**

## OTHERS CHARACTERISTICS

|                            |                     |
|----------------------------|---------------------|
| CABLE RETENTION            | <b>150</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>450</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                  |                                           |

BONOMINI

|                |                   |                  |
|----------------|-------------------|------------------|
| ISSUE          | CREATION DATE     | FILE PART-NUMBER |
| <b>9739U01</b> | <b>15/10/1992</b> | <b>EPC 96-07</b> |

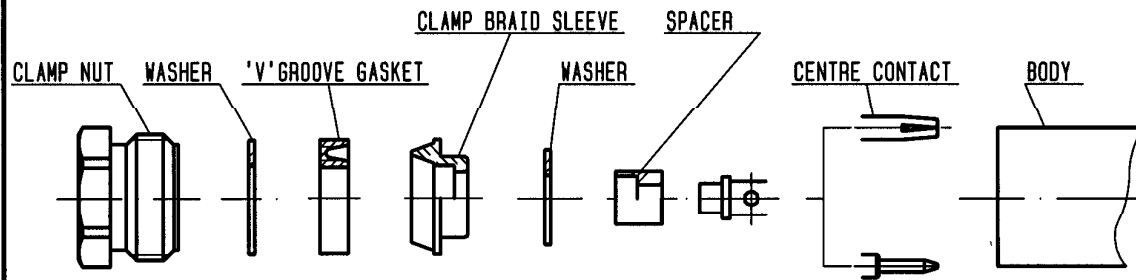

**RADIALL®**

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

*Connect to the future*

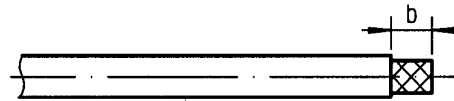
**RADIALL®****R161.206.000**

ISSUE 9739U01

SERIES  
N

①

Strip the cable .

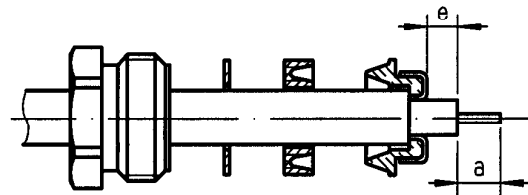
-  
-  
-  
-

| Stripping | a     | b     | c | d | e     |
|-----------|-------|-------|---|---|-------|
| inch      | 0.157 | 0.295 | 0 | 0 | 0.039 |
| mm        | 4     | 7.5   |   |   | 1     |

②

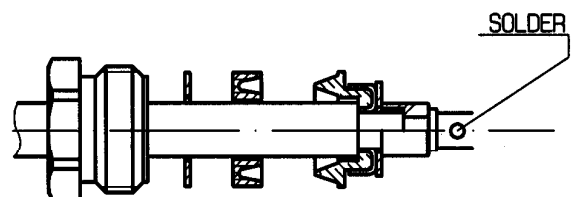
Slide the clamp nut , the washer and the 'V'groove gasket onto the cable .  
 Slide clamp braid sleeve over braid .  
 Fold back braid and trim off surplus braid .  
 Trim back dielectric as shown .

-



③

Slide the washer and the spacer onto the dielectric .  
 Solder the cable inner conductor into centre contact .

-  
-

④

Screw sub-assembly into the connector body .  
 ( recommended coupling torque 39.83 in.lb )

-  
-