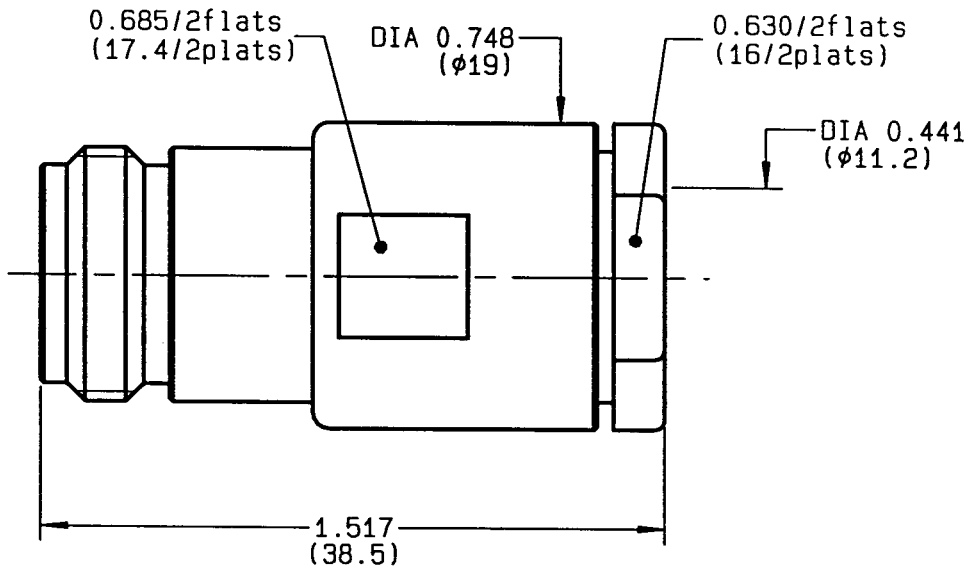


**STRAIGHT JACK CLAMP TYPE**  
**CABLE 10+11/75**
**R162.217.000**  
**SERIES N 75**


|                                 |                                      |
|---------------------------------|--------------------------------------|
| NOMINAL IMPEDANCE               | <b>75</b> $\Omega$                   |
| FREQUENCY RANGE                 | <b>0-1.5</b> GHz                     |
| TEMPERATURE RATING              | <b>-55/+155</b> °C                   |
| V.S.W.R                         | <b>1.06</b> + x F(GHz)Maxi           |
| RF INSERTION LOSS               | <b>0.15</b> $\sqrt{F}$ (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>45.5</b> gr                       |

CABLES : **KX 8**  
**RG 11**  
**RG 144**  
**RG 216**

## OTHERS CHARACTERISTICS

|                            |                     |
|----------------------------|---------------------|
| CABLE RETENTION            | <b>300</b> N Mini   |
| CENTER CONTACT RETENTION   |                     |
| Axial force - mating end   | <b>NA</b> N Mini    |
| Axial force - opposite end | <b>NA</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>800</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 **9733B00** CREATION DATE **26-OCT-93** 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*

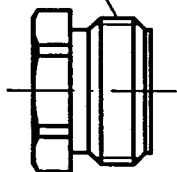


**R162.217.000**

ISSUE 9733B00

SERIES  
N 75

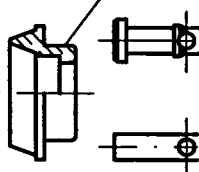
CLAMP NUT



'V' GROOVE GASKET



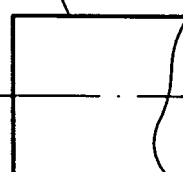
CLAMP BRAID SLEEVE



CENTRE CONTACT



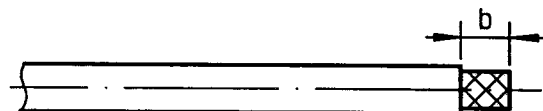
BODY



①

Strip the cable .

-  
-  
-  
-



| Stripping | a     | b     | c | d | e     |
|-----------|-------|-------|---|---|-------|
| inch      | 0.197 | 0.335 | 0 | 0 | 0.059 |
| mm        | 5     | 8.5   |   |   | 1.5   |

②

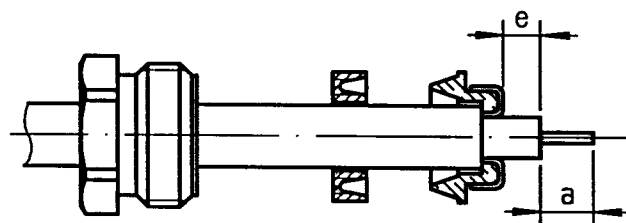
Slide the clamp nut and the 'V' groove gasket onto the cable .

Slide clamp braid sleeve over braid .

Fold back braid and trim off surplus braid .

Trim back dielectric as shown .

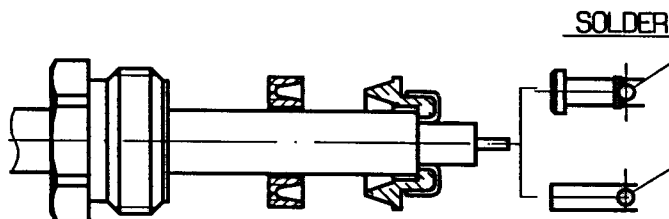
-  
-  
-



③

Solder the cable inner conductor into centre contact .

-  
-  
-

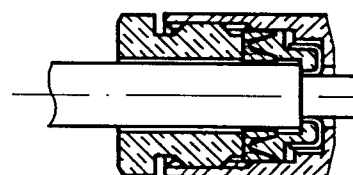


④

Screw sub-assembly into the connector body .

( recommended coupling torque 70.87 in.lb )

-  
-



Hex. : 0.63/flats