

| STRAIGHT PLUG CABLE 14/50       |                             | R176.027.000               |                                       |
|---------------------------------|-----------------------------|----------------------------|---------------------------------------|
|                                 |                             | SERIES                     | HN                                    |
|                                 |                             |                            |                                       |
| NOMINAL IMPEDANCE               | 50 $\Omega$                 | CABLES : RG 217            |                                       |
| FREQUENCY RANGE                 | 0-3 GHz                     |                            |                                       |
| TEMPERATURE RATING              | -55/+155 °C                 |                            |                                       |
| V.S.W.R                         | TBD + x F(GHz)Maxi          |                            |                                       |
| RF INSERTION LOSS               | NA $\sqrt{F}$ (GHz) dB Maxi |                            |                                       |
| VOLTAGE RATING                  | TBD Veff Maxi               |                            |                                       |
| DIELECTRIC WITHSTANDING VOLTAGE | 8000 Veff Mini              |                            |                                       |
| INSULATION RESISTANCE           | 5000 M $\Omega$ Mini        | OTHERS CHARACTERISTICS     |                                       |
| HERMETIC SEAL                   | NA Atm.cm <sup>3</sup> /s   | CABLE RETENTION            | 800 N Mini                            |
| LEAKAGE (pressurized only)      | NA                          | CENTER CONTACT RETENTION   |                                       |
| MECHANICAL DURABILITY           | 500 Cycles                  | Axial force - mating end   | NA N Mini                             |
| WEIGHT                          | gr                          | Axial force - opposite end | 27 N Mini                             |
| SPECIFICATION                   |                             | Torque                     | NA cm.N Mini                          |
|                                 |                             | RECOMMENDED TORQUES        |                                       |
|                                 |                             | Mating                     | NA cm.N                               |
|                                 |                             | Panel nut                  | NA cm.N                               |
|                                 |                             | Clamp nut                  | 800 cm.N                              |
| CONNECTOR PARTS                 | MATERIALS                   | FINISH                     | (all values are given in micrometers) |
| BODY                            | BRASS                       | NICKEL 2                   |                                       |
| OUTER CONTACT                   | BRASS                       | NICKEL 2                   |                                       |
| CENTER CONTACT                  | BRASS                       | SILVER 5 OVER COPPER 0.5   |                                       |
| INSULATOR                       | PTFE                        | -                          |                                       |
| GASKET                          | SILICONE RUBBER             | -                          |                                       |
| OTHERS PIECES                   | BRASS                       | NICKEL 2                   |                                       |
| ISSUE                           | CREATION DATE               | FILE PART-NUMBER           |                                       |
| 0620 E                          | 30/11/1992                  |                            |                                       |

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

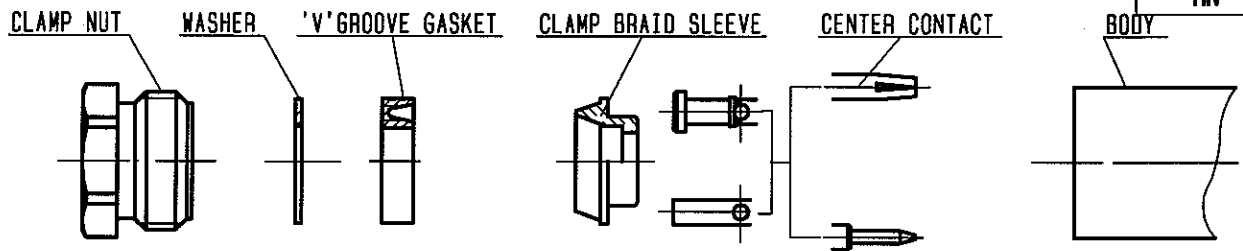
Connect to the future



**RADIALL®**

**R176.027.000**

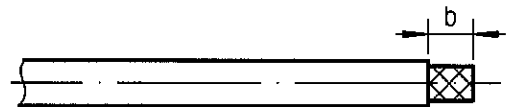
ISSUE **0216D01** SERIES **HN**



①

Strip the cable .

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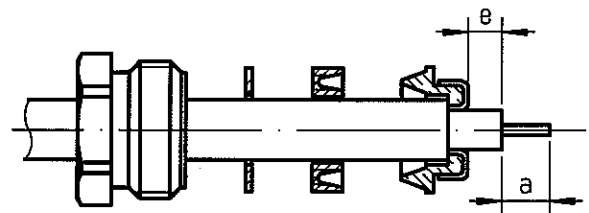


| Stripping | a     | b    | c | d | e     |
|-----------|-------|------|---|---|-------|
| inch      | 0.236 | 0.65 | 0 | 0 | 0.295 |
| mm        | 6     | 16.5 |   |   | 7.5   |

②

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

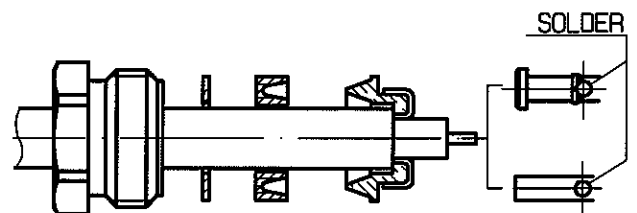
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③

Solder the center contact onto cable center conductor.

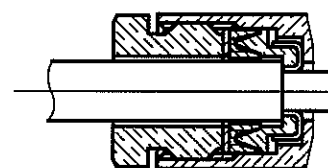
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④

Screw sub-assembly into the connector body .  
( recommended coupling torque 800N.cm )  
70.8in.lb

-  
-



Hex. : 19 mm /flats  
Hex. : 0.748inch /flats