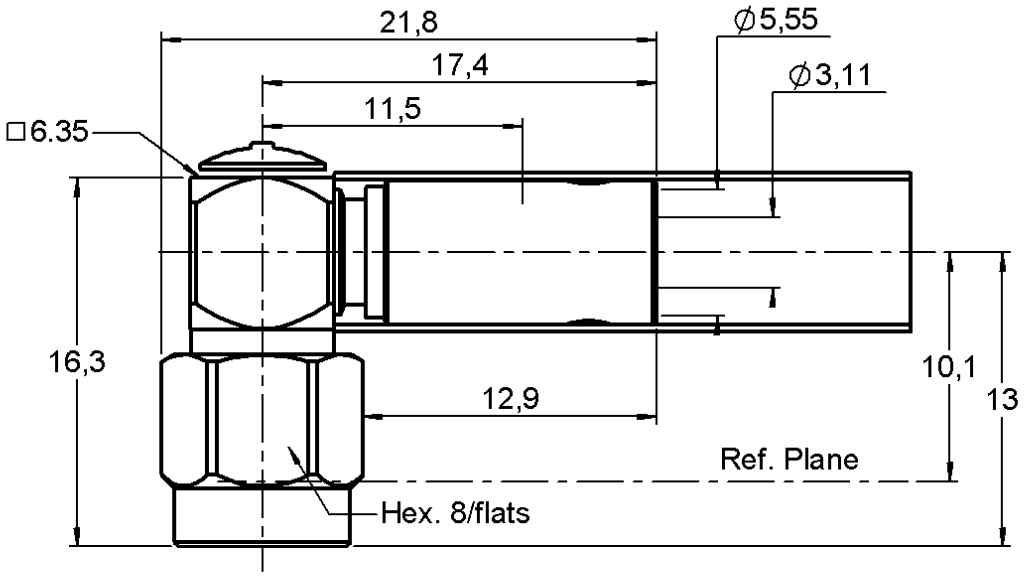
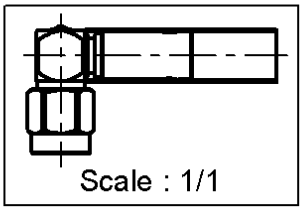
# RIGHT ANGLE PLUG CRIMP OR SOLDER TYPE

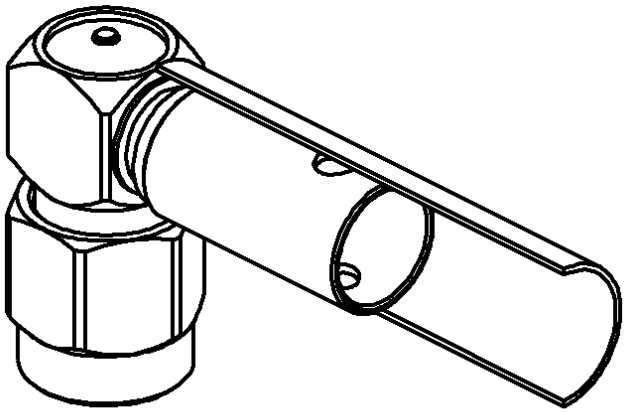
## CABLE 5/50 D

# R125.176.000

Series : **SMA**



CECC 22111-810/05

All dimensions are in mm.

| COMPONENTS | MATERIALS | PLATING (µm) |
|---|---|---|
| **BODY** | **STAINLESS STEEL** | **GOLD 0.5 OVER NICKEL 2** |
| **CENTER CONTACT** | **BRASS** | **GOLD 1.3 OVER NICKEL2** |
| **OUTER CONTACT** | - | - |
| **INSULATOR** | **PTFE** | |
| **GASKET** | **SILICONE RUBBER** | |
| **OTHERS PARTS** | **STAINLESS STEEL** | **GOLD 0.5 OVER NICKEL 2** |
| - | - | - |
| - | - | - |

**Issue : 1435 U**

In the effort to improve our products, we reserve the right to make changes judged to be necessary.

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# RIGHT ANGLE PLUG CRIMP OR SOLDER TYPE

## CABLE 5/50 D

# R125.176.000

Series : **SMA**

## PACKAGING

| Standard | Unit | Other |
|---|---|---|
| **100** | **'W' option** | **Contact us** |

## ELECTRICAL CHARACTERISTICS

| | | | |
|---|---|---|---|
| Impedance | | **50** | Ω |
| Frequency | | **0-12.4** | GHz |
| VSWR | **1.15 +** | **0,0200** | x F(GHz) Maxi |
| Insertion loss | | **0.15** | √F(GHz) dB Maxi |
| RF leakage | **- (** | **60** | - F(GHz)) dB Maxi |
| Voltage rating | | **335** | Veff Maxi |
| Dielectric withstanding voltage | | **1000** | Veff mini |
| Insulation resistance | | **5000** | MΩ mini |

## MECHANICAL CHARACTERISTICS

Center contact retention

| | | |
|---|---|---|
| Axial force – Mating end | **27** | N mini |
| Axial force – Opposite end | **27** | N mini |
| Torque | **2.8** | N.cm mini |

Recommended torque

| | | |
|---|---|---|
| Mating | **100** | N.cm |
| Panel nut | **NA** | N.cm |
| Clamp nut | **NA** | N.cm |
| A/F clamp nut | **0,0000** | mm |

| | | |
|---|---|---|
| Mating life | **500** | Cycles mini |
| Weight | **4,7600** | g |

## ENVIRONMENTAL

| | | |
|---|---|---|
| Operating temperature | **-65/+165** | ° C |
| Hermetic seal | **NA** | Atm.cm3/s |
| Panel leakage | **NA** | |

## SPECIFICATION

**QAE 06-02 - -**

## CABLE ASSEMBLY

| **Stripping** | a | b | c | d | e | f |
|---|---|---|---|---|---|---|
| mm | 2,80 | 7,00 | 12,8 | 0,00 | 10,0 | 0,00 |

Assembly instruction : **Crimp 05**

Recommended cable(s)
RG 223
RG 142
RG 400
KX 23
RG 142 FTX
-

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

| | | |
|---|---|---|
| - pull off | **204** | N mini |
| - torque | **NA** | N.cm |

## TOOLING

| Part Number | Description | Hexagon |
|---|---|---|
| R282223000 | CRIMPING TOOL | 5.40 |
| R282235011 | CRIMPING DIES M22520/5-11 | 5.40 |
| R282293000 | CRIMPING TOOL M22520/5-01 | - |

## OTHER CHARACTERISTICS

-


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## Radiall:

R124510000W R125403001 R141407000W R142703000 R191303000 R191329000 R929101/C290001-10CM R112186000 R125326000 R284C0351050 R114554000W R125078000W R180160007 R284C0351054 R316553000 R929104/C290004-20CM R114165000W R141557000W R223424000 EPXBE13P1SB R112553000 R142076161 R143012000 R180300007W R191405000 R284C0351003 R284C0351026 R161325000W R284C0351015 EPXBE28SA