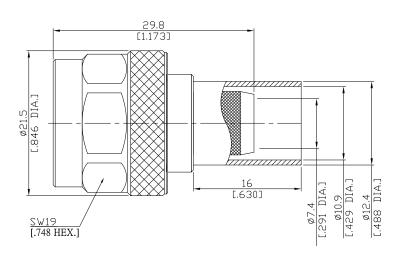


Technical Data Sheet

N (Male) Straight Cable Plug

N1C50-R400A/144



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to IEC 60169-16; MIL-STD-348A/304

Electrical Data

Impedance

50 Ω DC to 6 GHz Frequency VSWR (Return Loss) ≤ 1.30 (≥ 17.69 dB)

- Digressions are possible due to the used cable type and manufacturing process-

Mechanical Data

Coupling mechanisms Screw-lock

Centre contact Soldered or Crimped

Cable entry Crimped

Environmental Data

Temperature range

 RoHS

-65°C to +165°C compliant

Material And Plating

| Connector parts | Material | Plating |
|-----------------|-----------------|----------------------------------|
| Centre contact | Brass | Gold plating(Nickel underplated) |
| Body | Brass | Copper-Tin-Zinc Alloy |
| Insulator | PTFE | |
| Gasket | Silicone Rubber | |
| Coupling nut | Brass | Copper-Tin-Zinc Alloy |
| Crimp ferrules | Brass | Copper-Tin-Zinc Alloy |

Suitable Cables

LMR 400; RNL-400; Belden 7810A, 8214, 9913

Packing

Single or 100

| The facts and figures herein are carefully compiled to the best of our |
|---|
| knowledge, but they are intended for general informational purposes only. |
| In the effort to improve our products, we reserve the right to make changes |
| judged to be necessary. |

| | D IDE A A D T I I C II I |
|-----------|---|
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| 020/09/16 | N-CAGE Code: SFKK0 / ISO9001 Certified |

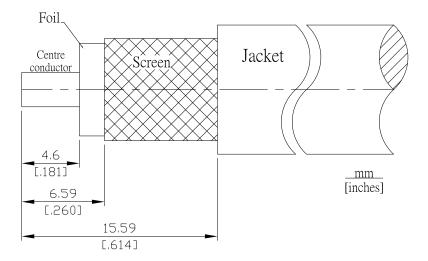


Technical Data Sheet

N (Male) Straight Cable Plug

N1C50-R400A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule Center Contact 10.9 mm [.429 inch] 3 mm [.118 inch]