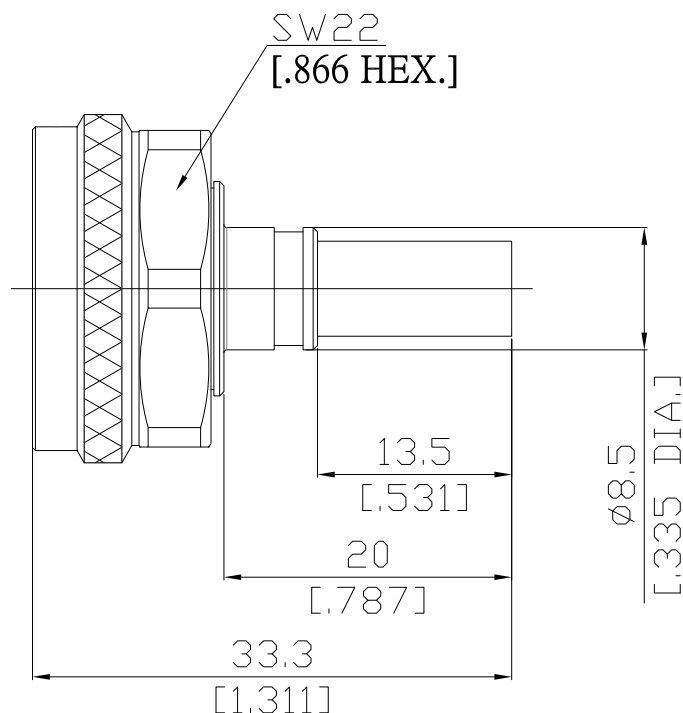


4.3-10 Male Connector Crimp/Solder Attachment for RG142, RG-58,  
DC-6 GHz, VSWR ≤ 1.07

**43101C50-G58A / 144**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

4.3/10 according to

IEC 61169-54

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 6 GHz
VSWR (Return Loss)	≤ 1.07 (≥ 30 dB)
Insertion Loss	≤ 0.08 dB
Insulation Resistance	≥ 5 GΩ
Center Contact Resistance	≤ 1.0 mΩ
Outer Contact Resistance	≤ 0.5 mΩ
Test Voltage (at sea level)	1000 V rms
Power Handling	500 W @ 2 GHz

- Limitations are possible due to the used cable type -

**Material And Plating**

Piece Parts (4.3-10)	Material	Plating
Centre contact	Brass	Gold plating, 3 μinc (Non-magnetic nickel-phosphorus underplating, 80 μinc)
Body	Brass	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Coupling nut	Brass	Copper-Tin-Zinc Alloy

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.

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JUL/16/2021	N-CAGE Code: SFKK0 / ISO9001 Certified

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## 4.3-10 Male Connector Crimp/Solder Attachment for RG142, RG-58, DC-6 GHz, VSWR ≤ 1.07

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### Mechanical Data

Coupling mechanisms	Screw-lock
Mating cycles	min. 100
Center contact captivation: axial	> 30 N
radial	> 5 Ncm
Center contact retention force	1.5 - 20 N
Outer contact retention force	4 - 35 N
Recommended torque	5 Nm

### Environmental Data

Temperature Range	-55°C to +90°C
RoHS	compliant

### Packing

Single or 100