



All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface
According to CECC 22 240

Documents
Assembly instruction 88 A7

Material and plating		
Connector parts	Material	Plating
Center contact	CuBe	AuroDur®, gold plated
Outer contact	CuBe	AuroDur®, gold plated
Body	Brass	Nickel, 2.5-5 µm
Coupling nut	Brass	Nickel, 2.5-5 µm
Dielectric	LCP	
Dielectric	POM	

Electrical data

Impedance	75 Ω
Frequency	DC to 12 GHz
Return loss	≥ 20 dB, DC to 1 GHz
Insertion loss	≤ 0.1 dB, DC to 1 GHz
Insulation resistance	≥ 10x10 ³ MΩ
Center contact resistance	≤ 4 mΩ
Outer contact resistance	≤ 2 mΩ
Test voltage	1000 V rms
Working voltage	330 V rms
RF-leakage	≥ 90 dB up to 1 GHz (slide-on) ≥ 100 dB up to 1 GHz (screw version)

- Limitations are possible due to the used cable type -

Mechanical data

Mating cycles	≥ 500
Engaging and disengaging force	2.2 N to 12 N (screw-on, slide-on) 18 N to 50 N (quick-lock)
Center contact captivation	≥ 30 N
Coupling mechanism retention force	≥ 300 N (screw version, quick-lock)

Environmental data

Temperature range	-40°C to +85°C	
Climatic class	IEC 60068-2-1 40/85/21 IEC 60068-2-2 IEC 60068-2-3	
Vibration 2002/95/EC (RoHS)	IEC 60068-2-6	10 Hz to 2000 Hz, 100m/s ²
	compliant	

Tooling

Mounting tool	Tyco 1-1393524-1
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Suitable cables

R1-T 2.0 LIXI 75K

Packing

Standard	1 pce in bag
Weight	12.0 g/pce

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
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