



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

### Interface

According to CECC 22 240

### Documents

Assembly instruction 88 P  
Panel piercing B 27

### Material and plating

Connector parts	Material	Plating
Center contact	Beryllium copper	AuroDur®, gold plated
Outer contact	Brass	AuroDur®, gold plated
Body	Brass	Nickel, 2.5-5 µm
Dielectric	LCP	
Crimping ferrule	Copper	Nickel, 2.5-5 µm

**Electrical data**

Impedance	75 Ω
Frequency	DC to 12 GHz
Return loss	≥ 35 dB, DC to 1 GHz ≥ 30 dB, 1 to 2 GHz ≥ 20 dB, 2 to 4 GHz ≥ 15 dB, 4 to 8 GHz
Insertion loss	≤ 0.1 dB, DC to 8 GHz
Insulation resistance	≥ 10x10 <sup>3</sup> 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
Torque nut for panel mounting	≤ 1 Nm
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	IEC 60068-2-6	10 Hz to 2000 Hz, 100m/s <sup>2</sup>
RoHS	compliant	

**Tooling**

Crimping tool	11W150-000
Crimp insert	11W150-150

**Suitable cables**

02YS(St)CY 0.45/2.0, 02YS(St)CH 0.45/2.0

**Weight**

Weight	11.9 g/pce
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Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Rong Fang	11/04/05	Sa. Krautenbacher	24.03.14	e00	14-0352	T. Krojer	24.03.14