

# HUBER+SUHNER® DATA SHEET

## Coaxial Cable Connector: 16\_716-50-9-5/003\_-



### Description

Right angle cable plug

QUICK-FIT connector

For outdoor applications

Water protection according to IP 68



### Technical Data

#### Electrical Data

Impedance	50 Ω	
Interface frequency max.	7.5 GHz	
Frequency range	DC to 2.5 GHz	2.5 to 3 GHz
Return loss	≥ 30 dB	≥ 28 dB
Intermodulation	≤ -155 dBc (2 x 43 dBm carrier)	

#### Mechanical Data

Centre contact	plugged
Outer contact	clamped
Weight	0.2101 kg

#### Environmental Data

Operating Temperature	-65 °C to 165 °C
2002/95/EC (RoHS)	compliant

#### Material Data

Piece Parts	Material	Surface Plating
Centre contact	Bronze / Brass	Silver Plating
Outer contact	Brass	Silver Plating
Body	Brass	Silver Plating
Insulator	PFA / PTFE / PPO	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	MVQ (Silicone Rubber)	

#### Related Documents

Outline drawing	DOU-00007097
Catalogue drawing	DOU-00007099
Assembly instruction	DOC-0000179418

#### Ordering Information

Single package	16_716-50-9-5/003_-E
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#### Additional Information

Suitable cables	SUCOFEED_1/2_HF, SUCOFEED_1/2_HF_FR, SUCOFEED_1/2_HF_FR_UL, Heliac FSJ4-50B, NK Cables RFF 1/2-50, Cellflex SCF12-50
Interface standards	IEC 61169-4_CECC 22190_DIN 47223_VG 95250

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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