

## Coaxial Cable Connector 16\_716-50-12-50/033\_-

### Description

Right angle cable plug

SMART QUICK-FIT connector  
 For outdoor applications  
 Water protection according to IP 68



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Interface frequency max.	7.5 GHz	
Frequency range	DC to 2.7 GHz	2.7 to 3.7 GHz
Return loss	$\geq 30$ dB	$\geq 28$ dB
Intermodulation	$\leq$ Static -155 dBc (2 x 43 dBm carrier)	

#### Mechanical Data

Centre contact	plugged
Outer contact	clamped
Weight	0.177 kg

#### Environmental Data

Operating temperature	-40 °C to 85 °C
2011/65/EU (RoHS)	compliant

#### Material Data

Piece Parts	Material	Surface Plating
Centre contact	Brass	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	NR (Natural Rubber)	

### Related Documents

Outline drawing	DOU-00193508
Catalogue drawing	DCA-00221567
Assembly instruction	DOC-0000386367

### Ordering Information

Single package	16_716-50-12-50/033_-E
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### Additional Information

Suitable cables	SUCOFEED_1/2, SUCOFEED_1/2_LW, SUCOFEED_1/2_FR, CELLFLEX LCF12-50JFN, HELIAX LDF4-50A, NK OHMAX RFA 1/2-50
Interface standards	IEC 61169-4_CECC 22190_DIN 47223_VG 95250