

## Coaxial Cable Connector 21\_716-50-42-4/033\_-

### Description

Straight cable jack

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
Return loss	$\geq 30$ dB
Intermodulation	$\leq$ Static -155 dBc (2 x 43 dBm carrier)

#### Mechanical Data

Centre contact	plugged
Outer contact	clamped
Weight	0.78 kg

#### Environmental Data

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

#### Material Data

Piece Parts	Material	Surface Plating
Centre contact	Bronze / Brass	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Gasket	EPDM (Ethylene propylene diene rubber)	

### Related Documents

Outline drawing	DOU-00135903.1
Catalogue drawing	DCA-00221163
Assembly instruction	DOC-0000299051

### Ordering Information

Single package	21_716-50-42-4/033_-E
----------------	-----------------------

### Additional Information

Suitable cables	SUCOFEED_1_5/8, SUCOFEED_1_5/8_LA, HeliAx AVA7-50, NK Cables RF 1 5/8-50A, Cellflex LCF158-50A
Interface standards	IEC 61169-4_CECC 22190_DIN 47223_VG 95250