

# RF-06F1N1280DU - Cable connector



1617334

<https://www.phoenixcontact.com/us/products/1617334>

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Cable connector, application: Signal, straight, Screw locking mechanism, M23, number of positions: 6, contact connection type: Socket, shielded: yes, cable diameter range: 5 mm ... 13.2 mm, number of positions: 6, connection method: Solder connection, series: RF

The figure shows the 12-pos. product version with standard contact chamber numbering

## Commercial data

Item number	1617334
Packing unit	1 pc
Minimum order quantity	14 pc
Note	Made to order (non-returnable)
Sales key	AB31
Product key	ABRAGA
GTIN	4046356600057
Weight per piece (including packing)	101 g
Weight per piece (excluding packing)	100 g
Customs tariff number	85366990
Country of origin	DE

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## Technical data

### Product properties

Product type	Circular connector (cable-side)
Series	RF
Application	Signal
Number of positions	6
Connection profile	6
Shielded	yes
Coding	N
Thread type	M23

### Material specifications

Seal material	FPM
Housing material	Metal

### Connection data

#### Conductor connection

Connection method	Solder connection
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### Electrical properties

#### Contact

Contact diameter	2 mm
Min. cross section	0.08 mm <sup>2</sup>
Max. cross section	2.5 mm <sup>2</sup>
Nominal voltage U <sub>N</sub>	48 V AC 74 V DC
Overvoltage category	III
Degree of pollution	3
Rated surge voltage	1.5 kV

### Mechanical properties

#### Mechanical data

Insertion/withdrawal cycles	50
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### Connector

Type	straight
Direction of rotation	Standard

### Cable/line

External cable diameter	5 mm ... 13.2 mm
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### Environmental and real-life conditions

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## Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-40 °C ... 125 °C
Altitude	2000 m

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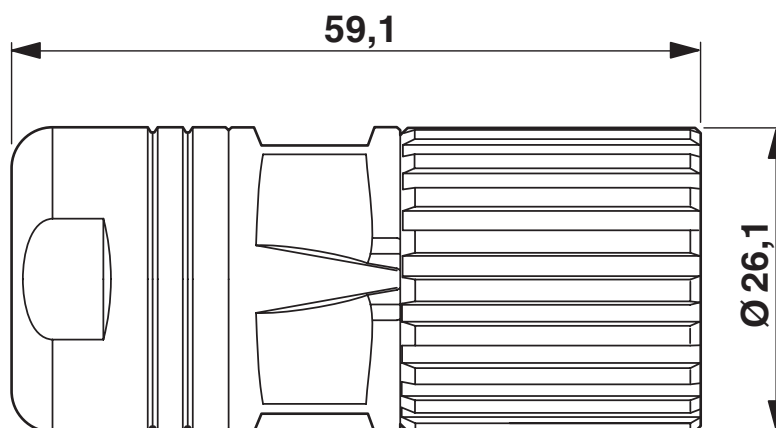


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## Drawings

Dimensional drawing



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## Classifications

### UNSPSC

UNSPSC 21.0	39121413
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
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Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)