

RF-06F1N1280DU - Cable connector



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

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Cable connector, straight, Screw locking mechanism, M23, number of positions: 6, contact connection type: Socket, shielded: yes, degree of protection: IP67, cable diameter range: 5 mm .
.. 13.2 mm, number of positions: 6, connection method: Solder connection, series: RF

Commercial data

Item number	1617334
Packing unit	20 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Product key	ABRAGA
GTIN	4046356600910
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 ²
Max. cross section	2.5 mm ²
Max. current	20 A
Nominal voltage U _N	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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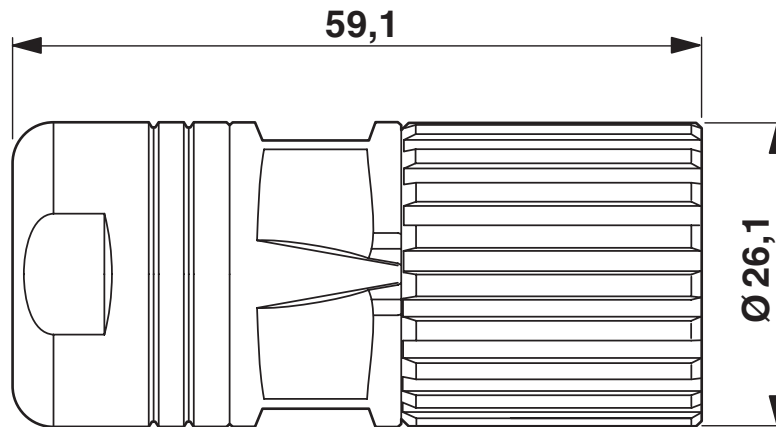
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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-11.0	27440102
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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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