

RF-12F2N1280DU - Cable connector



1615816

<https://www.phoenixcontact.com/pc/products/1615816>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



Cable connector, straight, Screw locking mechanism, M23, number of positions: 12, contact connection type: Socket, shielded: yes, degree of protection: IP67, cable diameter range: 5 mm .. 13.2 mm, number of positions: 12, connection method: Solder connection, series: RF

Commercial data

Item number	1615816
Packing unit	20 pc
Minimum order quantity	1 pc
Product key	ABRAGA
GTIN	4046356601658
Weight per piece (including packing)	100.67 g
Weight per piece (excluding packing)	99.4 g
Customs tariff number	85366990
Country of origin	DE

RF-12F2N1280DU - Cable connector



1615816

<https://www.phoenixcontact.com/pc/products/1615816>

Technical data

Product properties

Product type	Circular connector (cable-side)
Series	RF
Application	Signal
Number of positions	12
Connection profile	12
Shielded	yes
Coding	N
Thread type	M23

Material specifications

Seal material	FPM
Housing material	Metal

Connection data

Conductor connection

Connection method	Solder connection
-------------------	-------------------

Electrical properties

Contact

Contact diameter	1 mm
Min. cross section	0.08 mm ²
Max. cross section	1 mm ²
Max. current	8 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
-----------------------------	----

Connector

Type	straight
Direction of rotation	Counter direction

Cable/line

External cable diameter	5 mm ... 13.2 mm
-------------------------	------------------

Environmental and real-life conditions

RF-12F2N1280DU - Cable connector



1615816

<https://www.phoenixcontact.com/pc/products/1615816>

Ambient conditions

Degree of protection	IP67
Ambient temperature (operation)	-20 °C ... 125 °C
Altitude	2000 m

RF-12F2N1280DU - Cable connector

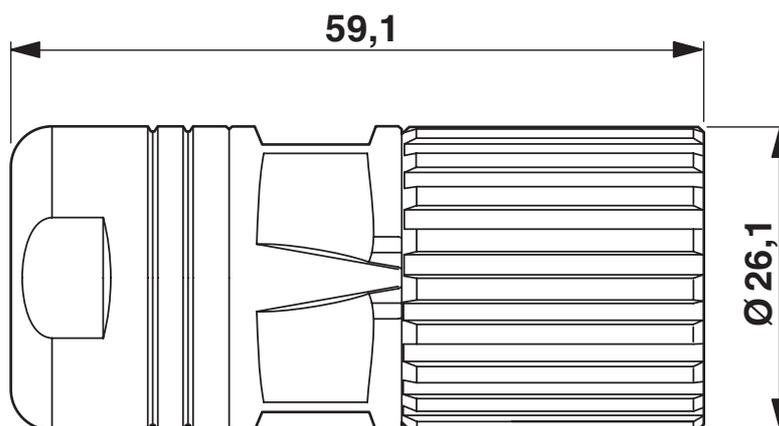
1615816

<https://www.phoenixcontact.com/pc/products/1615816>



Drawings

Dimensional drawing



RF-12F2N1280DU - Cable connector



1615816

<https://www.phoenixcontact.com/pc/products/1615816>

Classifications

ECLASS

ECLASS-11.0	27440102
-------------	----------

UNSPSC

UNSPSC 21.0	39121413
-------------	----------

RF-12F2N1280DU - Cable connector



1615816

<https://www.phoenixcontact.com/pc/products/1615816>

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)
-------------------------------------	----------------------

Phoenix Contact 2024 © - all rights reserved
<https://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstraße 8
D-32825 Blomberg
+49 (0) 5235-3 00
info@phoenixcontact.com