

## DIN-Signal coax m, solder/crimp 50Ohm



Image is for illustration purposes only. Please refer to product description.

Part number	09 03 000 6165
Specification	DIN-Signal coax m, solder/crimp 50Ohm
HARTING eCatalogue	<a href="https://harting.com/09030006165">https://harting.com/09030006165</a>

### Identification

Category	Contacts
Series	DIN 41612
Type of contact	Coaxial contact
Description of the contact	Straight
Contacts for	DIN 41612 Type M DIN 41612 Bauform M 0+2

### Version

Termination method	Solder termination
Termination method	PCB solder termination
Gender	Male contact for female connectors
Connection type	Motherboard to daughtercard Mezzanine PCB to cable
Manufacturing process	Turned contacts

### Technical characteristics

Rated current	$\leq 1.5$ A
Insulation resistance	$> 10^9$ $\Omega$
Contact resistance	$\leq 10$ m $\Omega$ for inner contact die $\leq 3$ m $\Omega$ for outer ferrule
Impedance coaxial	50 $\Omega$
Limiting temperature	-55 ... +125 °C



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## Technical characteristics

Return loss	>32 dB @ 1 GHz
	>30 dB @ 2 GHz
	>28 dB @ 4 GHz
	>24 dB @ 6 GHz
Insertion force	≤10 N
Withdrawal force	≥1 N
Performance level	1
Mating cycles	≥500
Test voltage $U_{r.m.s.}$	0.75 kV
Frequency	6 GHz

## Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side
Material (locking)	Copper alloy
RoHS	compliant with exemption
RoHS exemptions	6(c): Copper alloy containing up to 4 % lead by weight
ELV status	compliant with exemption
China RoHS	50
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	Lead
ECHA SCIP number	339476a1-86ba-49e9-ab4b-cd336420d72a
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead
	Nickel

## Specifications and approvals

Specifications	DIN 41626
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## Commercial data

Packaging size	1
Net weight	1.4 g
Country of origin	Hungary



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Commercial data

European customs tariff number	85366990
GTIN	5713140003996
eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522