

DIN-Signal coax m, solder/crimp 500hm



Part number	09 03 000 6161
Specification	DIN-Signal coax m, solder/crimp 500hm
HARTING eCatalogue	https://b2b.harting.com/09030006161

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

Identification

Category	Contacts
Series	DIN 41612
Type of contact	Coaxial contact
Description of the contact	Angled
Contacts for	DIN 41612 Type M DIN 41612 Type M invers DIN 41612 Type MH 21+5 har-modular [®] M module, female, straight
Features	lead-free

Version

Termination method	Solder/crimp termination
Gender	Male contact for female connectors
Manufacturing process	Turned contacts

Technical characteristics

Operating current	≤1.4 A
Rated voltage	250 V
Insulation resistance	>10 ⁹ Ω
Contact resistance	≤10 mΩ for inner contact die ≤3 mΩ for outer ferrule
Contact resistance Impedance	

Page 1 / 3 | Creation date 2023-08-23 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Technical characteristics

Return loss	 >25 dB @ 1 GHz for cables RG 174 >22 dB @ 2 GHz for cables RG 174 >14 dB @ 4 GHz for cables RG 174 >23 dB @ 1 GHz for cables RG 316 >20 dB @ 2 GHz for cables RG 316
Insertion force	≤10 N
Withdrawal force	≥1 N
Performance level	1
Mating cycles	≥500
Test voltage U _{r.m.s.}	0.75 kV
Frequency	4 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
Commercial data	

Packaging size	100
Net weight	2 g
Country of origin	Germany

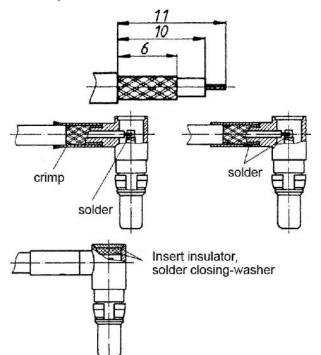
Page 2 / 3 | Creation date 2023-08-23 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com



Commercial data

European customs tariff number	85366990
GTIN	5713140003972
ETIM	EC000796
eCl@ss	27440204 Contact for industrial connectors

Assembly instructions



Page 3 / 3 | Creation date 2023-08-23 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com