

DIN-Signal coax m, solder/crimp 500hm



Part number	09 03 000 6160
Specification	DIN-Signal coax m, solder/crimp 500hm
HARTING eCatalogue	https://harting.com/09030006160

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

Identification

Catagory	Contacts
Category	Contacts
Series	DIN 41612
	har-modular [®]
Type of contact	Coaxial contact
Description of the contact	Straight
Contacts for	DIN 41612 Type M
	DIN 41612 Type M invers
	DIN 41612 Type MH 21+5
	DIN 41612 Bauform M 0+2
	har-modular [®] M module, female, straight

Version

Termination method	Solder termination
Termination method	Solder/crimp termination
Gender	Male contact for female connectors
Connection type	Motherboard to daughtercard Mezzanine
	PCB to cable

Technical characteristics

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

Page 1 / 3 | Creation date 2025-03-14 | 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

Impedance coaxial	50 Ω
Limiting temperature	-55 +125 °C
Return loss	>19 dB @ 1 GHz for cables RG 174 >17 dB @ 1 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	1 GHz

Material properties

Material (contacts)	Copper alloy
Surface (contacts)	Noble metal over Ni Mating side
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	
Commercial data	
Packaging size	100
Country of origin	Germany
European customs tariff number	85366990
GTIN	5713140003965

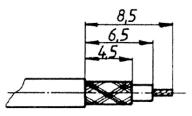
Page 2 / 3 | Creation date 2025-03-14 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity 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



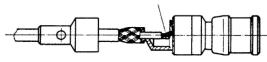
Commercial data

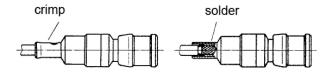
eCl@ss	27440204 Contact for industrial connectors
ETIM	EC000796
UNSPSC 24.0	39121522

Assembly instructions



solder





Page 3 / 3 | Creation date 2025-03-14 | 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

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