

M12 D-cod 4-pol st m-RJ45 PUR Typ R 5.0M



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

Part number	09 48 C86 8025 050
Specification	M12 D-cod 4-pol st m-RJ45 PUR Typ R 5.0M
HARTING eCatalogue	https://harting.com/0948C868025050

Identification

Category	System cabling
Series	Circular connectors M12
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	M12 D-coding Male
Connector 2	HARTING DualBoot RJ45
Type of cable	Copper cable (round)
Description of the cable	Type R

Version

Cable length	5 m
Core structure	4x AWG 22/19
Number of contacts	4
Coding	D-coding

Technical characteristics

Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-25 ... +60 °C
Cable diameter	6.3 ... 6.7 mm
Minimum bending radius	5x Cable diameter (singular bending)
Drag chain compatible	Yes



Pushing Performance
Since 1945

Technical characteristics

Bending cycles	≥ 5.000.000 @ Bending radius = 75 mm @ length ≤ 5 m @ speed ≤ 5 m/s @ acceleration ≤ 20 m/s ²
Cycles of alternating bending (tic-toc test)	1.000.000 @ Bending radius = 75 mm
Torsional strength	≥ 5.000.000 @ torsion angle= ±180° @ 1m

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Green
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	567c8b78-5fa0-43aa-a4c0-beb9d99b7769
California Proposition 65 substances	Yes
California Proposition 65 substances	Lead Nickel

Specifications and approvals

PROFINET	Yes
----------	-----

Commercial data

Packaging size	1
Net weight	342 g
Country of origin	Latvia
European customs tariff number	85444290
GTIN	5713140340718
eCl@ss	27060390 Ready-made data cable (unspecified)
UNSPSC 24.0	26121600