HARTING®

Pushing Performance
Since 1945

RJI 10G AWG24 EtherRail Cat7 10m

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

Part number	09 48 636 3751 100
Specification	RJI 10G AWG24 EtherRail Cat7 10m
HARTING eCatalogue	https://harting.com/09486363751100

Identification

Category	System cabling
Series	RJ45
Element	Cable assemblies
Specification	Pre-assembled on both sides
Connector 1	HARTING RJ Industrial®
Connector 2	HARTING RJ Industrial®
Type of cable	Copper cable (round)

Version

Cable length	10 m
Number of cores	8
Core structure	4x 2x AWG 24/7
Number of contacts	8

Technical characteristics

Transmission characteristics	Cat. 7 Class F up to 600 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
	10 Gbit/s
Limiting temperature	-20 ... +70 °C
Cable diameter	8.1 mm ± 0.3 mm

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Technical characteristics

Minimum bending radius	5x Cable diameter (singular bending)
	6x Cable diameter (repeated bending)

Material properties

Material (cable)	Polyolefin copolymer electron beam crosslinked Comp 752
Colour (cable)	Black
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Yes
REACH SVHC substances	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one
ECHA SCIP number	d361ed36-dee0-4df8-9f2e-b62dd7563c1a
California Proposition 65 substances	Not contained

Specifications and approvals

Specifications	EN 45545-2 Fire protection on railway vehicles
	EN 50264-1 Fire protection on railway vehicles
	EN 50306-1 Fire protection on railway vehicles
	NFPA 130 Fire protection on railway vehicles
	UN/ECE-R 118 fire protection for rolling stock
	EN 50306-4 Resistance to ozone
	EN 60811-504 High low temperature resistance
	EN 60811-404 High oil resistance
	EN 60811-404 High fuel resistance
	EN 60811-404 Alkali resistance
	EN 60811-404 Acid resistance
	DIN 51900 Low fire load
	EN 50618 UV resistant
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	810 g
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713140391864
eCl@ss	27060308 Patch cord copper (data cable)

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Commercial data

UNSPSC 24.0	26121609

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