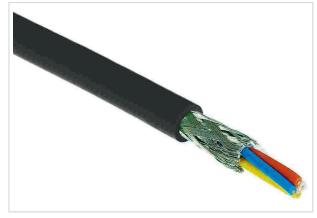


# HAR PROFINET Typ B 4xAWG22/7 outd. 100m



Part number	09 45 600 0105
Specification	HAR PROFINET Typ B 4xAWG22/7 outd. 100m
HARTING eCatalogue	https://b2b.harting.com/09456000105

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

## Identification Category System cabling Element Bulk cables Specification Not assembled Type of cable Copper cable (round) Flame retardant Description of the cable Sunlight resistant Version Cable length 100 m Number of cores 4 Core structure 4x AWG 22/7 Technical characteristics Transmission characteristics Cat. 5 Class D up to 100 MHz 10 Mbit/s Data rate 100 Mbit/s -40 ... +70 °C Limiting temperature -20 ... +60 °C During laying -50 ... +70 °C storage/transport

Minimum bending radius	5x Cable diameter (repeated bending) 3x Cable diameter (singular bending)
Torsional strength	≥ 10.000 @ torsion angle= ±180°/m
Conductor resistance @ 20 °C	≤120 Ω/km
Insulation resistance @ 20 °C	≥500 MΩ x km
Signal run time @ 20 °C	≤5.3 ns/m

Page 1 / 2 | Creation date 2023-06-08 | 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 Customised Solutions GmbH & Co. KG | In der Tütenbeke 22 | 32339 Espelkamp | Germany Phone +49 5772 47-0 | info@HARTING.com | www.HARTING.com



#### **Technical characteristics**

Impedance @ 100 MHz	100 Ω ±5 %			
Material properties				
Material (cable)	PVC			
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	Not contained			

## Specifications and approvals

Specifications	EN 13602
	EN 50290-2-23
	EN 50290-2-22
	UL 1685
	UL 1581
	UN/ECE-R 118 fire protection for rolling stock
PROFINET	Yes

#### Commercial data

Packaging size	1
Net weight	6,500 g
Net weight	68 g/m
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061774
eCl@ss	27061801 Data and communication cable (copper)

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