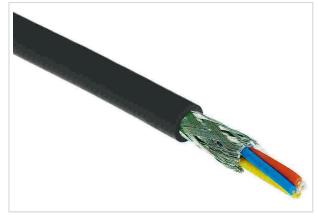


HAR PROFINET Typ B 4xAWG22/7 outd. 50m



	Part number	09 45 600 0145
	Specification	HAR PROFINET Typ B 4xAWG22/7 outd. 50m
	HARTING eCatalogue	https://harting.com/09456000145

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)		
Description of the cable	Flame retardant Sunlight resistant		
Version			
Cable length	50 m		
Number of cores	4		
Core structure	4x AWG 22/7		
Technical characteristics			
Transmission characteristics	Cat. 5 Class D up to 100 MHz		

Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s
Limiting temperature	-40 +70 °C -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 2025-03-21 | 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

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

Commercial data

Packaging size	1
Net weight	3,350 g
Net weight	68 g/m
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061903
eCl@ss	27061801 Data and communication cable (copper)
ETIM	EC003249
UNSPSC 24.0	26121609

Page 2 / 2 | Creation date 2025-03-21 | 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