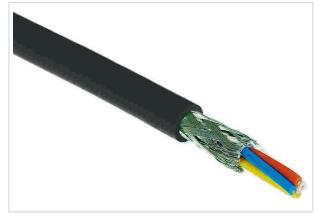


HAR PROFINET Typ B 4xAWG22/7 outd. 20m



Part number	09 45 600 0135
Specification	HAR PROFINET Typ B 4xAWG22/7 outd. 20m
HARTING eCatalogue	https://harting.com/09456000135

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	20 m	
Number of cores	4	
Core structure	4x AWG 22/7	
Technical characteristics		
Transmission characteristics	Cat. 5 Class D up to 100 MHz	
Data rate	10 Mbit/s	

Data rata	
Data rate	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 2025-03-04 | 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	1,430.7 g
Net weight	68 g/m
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061866
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)

Page 2 / 2 | Creation date 2025-03-04 | 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