

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

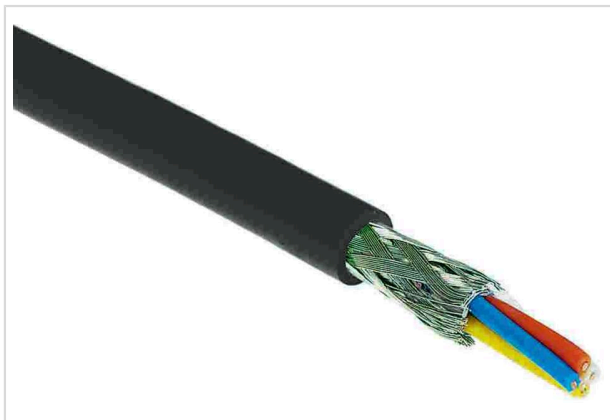


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Part number	09 45 600 0105
Specification	HAR PROFINET Typ B 4xAWG22/7 outd. 100m
HARTING eCatalogue	<a href="https://b2b.harting.com/09456000105">https://b2b.harting.com/09456000105</a>

### 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	100 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 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



Pushing Performance  
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## Technical characteristics

Impedance @ 100 MHz	100 $\Omega$ $\pm$ 5 %
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## 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
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)