

## HAR PROFINET Typ C 4xAWG22/7 trail. 100m

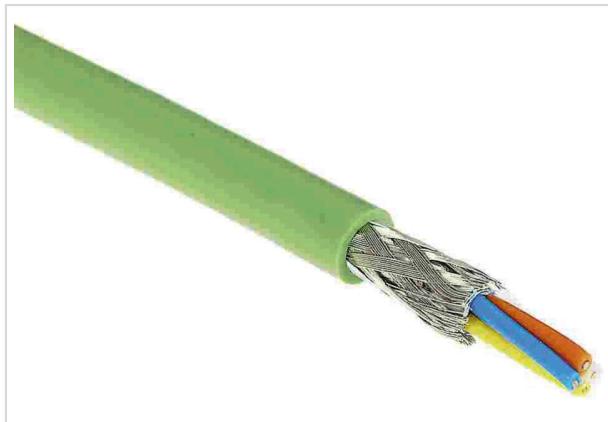


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Part number	09 45 600 0101
Specification	HAR PROFINET Typ C 4xAWG22/7 trail. 100m
HARTING eCatalogue	<a href="https://b2b.harting.com/09456000101">https://b2b.harting.com/09456000101</a>

### Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Flame retardant Oil resistant UV 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 unmoved -20 ... +60 °C moved
Minimum bending radius	7x Cable diameter (repeated bending) 3x Cable diameter (singular bending)
Drag chain compatible	Yes
Bending cycles	≥ 3.000.000 & traversing distance ≤ 0.2 m & speed ≤ 4 m/s & acceleration ≤ 4 m/s <sup>2</sup>
Tensile strength	≤150 N
Coupling attenuation @ 20 °C / 10 MHz	20 mΩ/m

## Technical characteristics

Conductor resistance @ 20 °C	≤120 Ω/km
Insulation resistance @ 20 °C	≥500 MΩ x km
Signal run time @ 20 °C	≤5.3 ns/m
Impedance @ 100 MHz	100 Ω ±5 %

## Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Green
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
California Proposition 65 substances	Yes
California Proposition 65 substances	Antimony trioxide

## Specifications and approvals

Specifications	EN 13602 EN 50290-2-23 F45052-F5100 IEC 60332-1-2 Flame retardancy EN 60811-2-1 Oil resistance UN/ECE-R 118 fire protection for rolling stock
PROFINET	Yes

## Commercial data

Packaging size	1
Net weight	6,510 g
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061750
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)