Pushing Performance
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HAR PROFINET Typ C 4xAWG22/7 trail. 50m

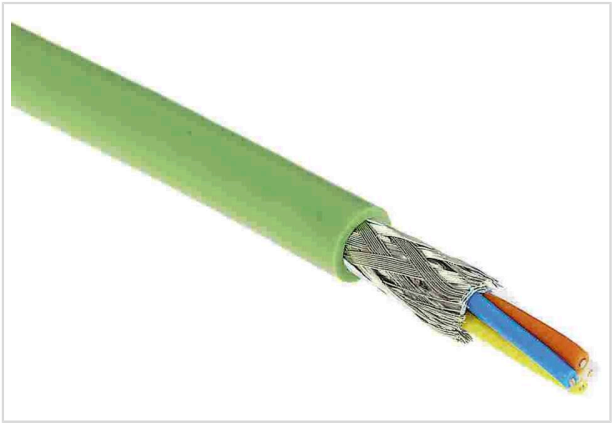


Image is for illustration purposes only. Please refer to product description.

Part number	09 45 600 0141
Specification	HAR PROFINET Typ C 4xAWG22/7 trail. 50m
HARTING eCatalogue	https://harting.com/09456000141

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
Printing on cable	HARTING INDUSTRIAL ETHERNET TRAILING CABLE CAT 5 PLUS * 22AWG (SHIELDED) c(UL)us E356671 CMX 75°C VERIFIED (UL) CAT 5E PATCH CABLE FRNC or UR AWM 21238 80°C 600V

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
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/s²

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Technical characteristics

Tensile strength	≤150 N
Coupling attenuation @ 20 °C / 10 MHz	20 mΩ/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
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	Not contained

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	3,130 g
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061880
eCl@ss	27061801 Data and communication cable (copper)
ETIM	EC003249

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