

HAR PROFINET Typ B 4xAWG22/7 PUR 100m

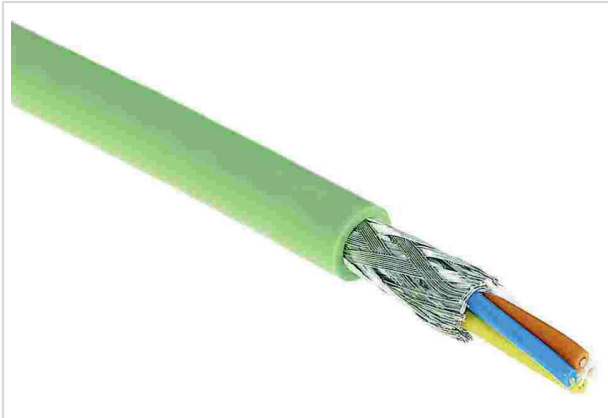


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Part number	09 45 600 0109
Specification	HAR PROFINET Typ B 4xAWG22/7 PUR 100m
HARTING eCatalogue	https://b2b.harting.com/09456000109

Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Flame retardant

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)
Coupling attenuation @ 20 °C / 100 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



Pushing Performance
Since 1945

Technical characteristics

Impedance @ 100 MHz	100 Ω $\pm$ 5 %
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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

Specifications and approvals

Specifications	EN 13602
	EN 50290-2-23
	F45052-F5100
	IEC 60332-1-2 Flame retardancy
	UL style 20940 (80°C / 600 V)
	UN/ECE-R 118 fire protection for rolling stock
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	6,050 g
Country of origin	Germany
European customs tariff number	85444290
GTIN	5713140273443
ETIM	EC003249
eCl@ss	27061801 Data and communication cable (copper)