



Pushing Performance
Since 1945

HAR PROFINET Typ B 4xAWG22/7 PVC 500m

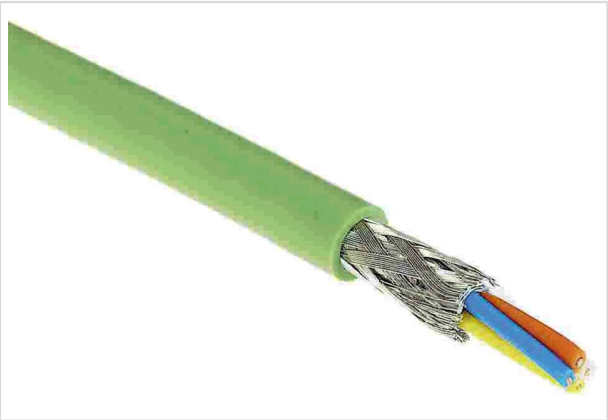


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Part number	09 45 600 0112
Specification	HAR PROFINET Typ B 4xAWG22/7 PVC 500m
HARTING eCatalogue	https://harting.com/09456000112

Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Flame retardant Sunlight resistant
Printing on cable	HARTING INDUSTRIAL ETHERNET STRANDED CABLE CAT 5 PLUS * 22AWG (SHIELDED) (UL) E333432 CMG FT4 or PLTC SUN RES or AWM 21695 80°C 600V * 094560001020200 "sequential length in metres" * "year/internal order number" "HARTING-LOGO"

Version

Cable length	500 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
Loop resistance	≤120 Ω/km
Limiting temperature	-40 ... +80 °C -20 ... +60 °C During laying -50 ... +80 °C storage/transport
Cable diameter	6.3 ... 6.7 mm



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Technical characteristics

Minimum bending radius	5x Cable diameter (repeated bending) 3x Cable diameter (singular bending)
Torsional strength	≥ 30.000 @ torsion angle= ±180°/m
Test voltage U _{r.m.s.}	2 kV Wire / wire / shielding
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)	PVC
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 EN 50290-2-22 UN/ECE-R 118 fire protection for rolling stock
PROFINET	Yes

Commercial data

Packaging size	1
Net weight	24,000 g
Net weight	68 g/m
Country of origin	Germany
European customs tariff number	85444995
GTIN	5713140061804
eCl@ss	27061801 Data and communication cable (copper)



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Commercial data

ETIM	EC003249
UNSPSC 24.0	26121609