

HAR PROFINET TypR AWG22/19 PUR, 50m



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

Part number	09 45 600 1141
Specification	HAR PROFINET TypR AWG22/19 PUR, 50m
HARTING eCatalogue	https://harting.com/09456001141

Identification

Category	System cabling
Element	Bulk cables
Specification	Not assembled
Type of cable	Copper cable (round)
Description of the cable	Type R
	Flame retardant
	Oil resistant
	Halogen-free
Printing on cable	HARTING INDUSTRIAL ETHERNET CABLE PROFINET ROBOTIC CAT 5 22AWG AWM 21329 80°C 600V 094560001010401 "sequential length in meters" * "year/internal order number" HARTING-LOGO"

Version

Cable length	50 m
Number of cores	4
Core structure	4x AWG 22/19

Technical characteristics

Rated voltage	600 V
Transmission characteristics	Cat. 5 Class D up to 100 MHz
Data rate	10 Mbit/s
	100 Mbit/s
Limiting temperature	-40 ... +80 °C unmoved
	-20 ... +80 °C moved
Cable diameter	6.3 ... 6.7 mm
Minimum bending radius	5x Cable diameter (singular bending)



Pushing Performance
Since 1945

Technical characteristics

Drag chain compatible	Yes
Bending cycles	≥ 5.000.000 @ Bending radius = 75 mm @ length ≤ 5 m @ speed ≤ 5 m/s @ acceleration ≤ 20 m/s ²
Cycles of alternating bending (tic-toc test)	1.000.000 @ Bending radius = 75 mm
Torsional strength	≥ 5.000.000 @ torsion angle= ±180° @ 1m
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)	PUR (polyurethane)
Colour (cable)	Green

Specifications and approvals

Specifications	IEC 60332-1-2 Flame retardancy IEC 61034 Smoke density EN 60811-404 Oil resistance IEC 60754-1 Halogen freeness RoHS 2011/65/EU
UL / CSA	AWM21329 (80 °C / 600 V)
PROFINET	Yes

Commercial data

Packaging size	1
Country of origin	Romania
European customs tariff number	85444290
GTIN	5713140570801
eCl@ss	27061801 Data and communication cable (copper)
UNSPSC 24.0	26121609