

HARTING TRAILING Cat5e 4x2xAWG26/19 500m

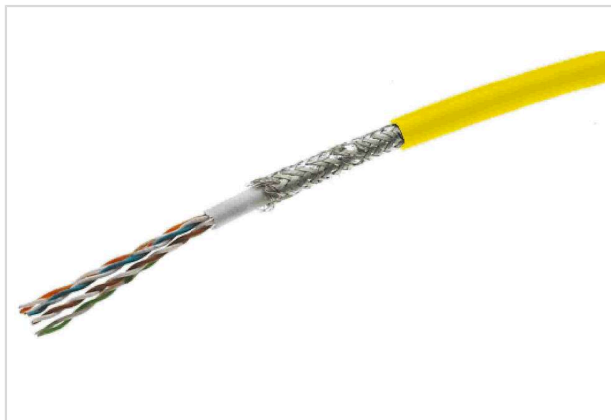


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Part number	09 45 600 0256
Specification	HARTING TRAILING Cat5e 4x2xAWG26/19 500m
HARTING eCatalogue	https://b2b.harting.com/09456000256

Identification

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

Version

Cable length	500 m
Number of cores	8
Core structure	4x 2x AWG 26/19

Technical characteristics

Transmission characteristics	Cat. 5e Class D up to 100 MHz
Data rate	10 Mbit/s 100 Mbit/s 1 Gbit/s 2.5 Gbit/s
Limiting temperature	-40 ... +80 °C unmoved -30 ... +70 °C moved -20 ... +60 °C moved, with forced guidance
Cable diameter	6.6 mm ± 0.2 mm
Minimum bending radius	5x Cable diameter (singular bending) 8x Cable diameter (repeated bending) 15x Cable diameter (repeated bending with forced guidance)
Drag chain compatible	Yes
Bending cycles	≥ 5.000.000 @ length ≤ 4,5 m @ speed ≤ 5 m/s @ acceleration ≤ 10 m/s ²



Pushing Performance
Since 1945

Technical characteristics

Torsional strength	$\geq 1.000.000$ @ torsion angle= $\pm 180^\circ/\text{m}$ @ speed = 36 Zyklen/min @ claimed length = 1 m @ load weight = 20 N
Tensile strength	≤ 105 N unmoved ≤ 30 N moved
Conductor resistance @ 20 °C	≤ 280 Ω/km
Insulation resistance @ 20 °C	$\geq 5,000$ $\text{M}\Omega \times \text{km}$
Impedance @ 100 MHz	100 $\Omega \pm 5$

Material properties

Material (cable)	PUR (polyurethane)
Colour (cable)	Yellow
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

Specifications and approvals

Specifications	IEC 60332-1-2 Flame retardancy FT2 according to UL 2556 Sec. 9.1 EN 60811-404 Oil resistance IEC 60754-1 Halogen freeness
Approvals	UL AWM Style 21238 (80 °C / 600 V)
CE	Yes

Commercial data

Packaging size	1
Net weight	51 g/m
Country of origin	Austria
European customs tariff number	85444290
GTIN	5713140273542
eCl@ss	27061801 Data and communication cable (copper)