

HARTING IE Cat.7A 4x2xAWG26/7 PUR, 1000m

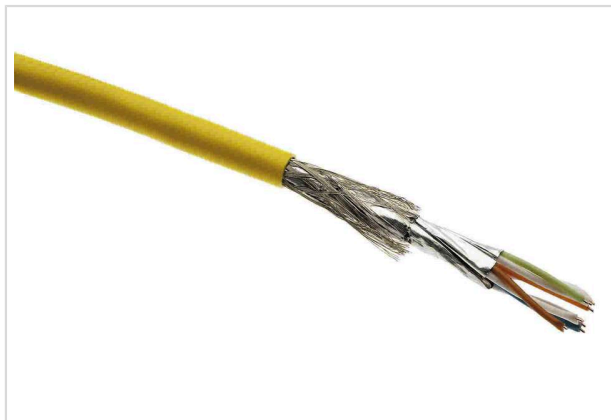


Image is for illustration purposes only. Please refer to product description.

| | |
|--------------------|-------------------------------------------------------------------------------|
| Part number | 09 45 600 0751 |
| Specification | HARTING IE Cat.7A 4x2xAWG26/7 PUR, 1000m |
| HARTING eCatalogue | https://harting.com/09456000751 |

Identification

| | |
|--------------------------|----------------------------------------------------------------------------------------------------|
| Category | System cabling |
| Element | Bulk cables |
| Specification | Not assembled |
| Type of cable | Copper cable (round) |
| Description of the cable | Flame retardant |
| | Halogen-free |
| | Oil resistant |
| Printing on cable | HARTING INDUSTRIAL CABLE S/FTP CAT 7A PUR 4x2xAWG26/7\$094560001090000\$ \$BA-Nr.\$ \$m-sign.\$ |
| Features | Transmission characteristics up to 1200 MHz. |

Version

| | |
|-----------------|----------------|
| Cable length | 1,000 m |
| Number of cores | 8 |
| Core structure | 4x 2x AWG 26/7 |

Technical characteristics

| | |
|------------------------------|----------------------------------------------------------|
| Rated voltage | >125 V |
| Transmission characteristics | Cat. 7 _A Class F _A up to 1,000 MHz |
| Data rate | 10 Mbit/s |
| | 100 Mbit/s |
| | 1 Gbit/s |
| | 2.5 Gbit/s |
| | 5 Gbit/s |
| | 10 Gbit/s |



Pushing Performance
 Since 1945

Technical characteristics

| | |
|---------------------------------------|------------------------------------------------|
| Limiting temperature | -40 ... +70 °C unmoved -10 ... +50 °C moved |
| Cable diameter | 6.4 mm |
| Minimum bending radius | 5x Cable diameter (repeated bending) |
| Tensile strength | ≤60 N |
| Test voltage $U_{r.m.s.}$ | 1 kV |
| Coupling attenuation @ 20 °C / 10 MHz | 5 mΩ/m |
| Conductor resistance @ 20 °C | ≤145 Ω/km |
| Insulation resistance @ 20 °C | ≥5,000 MΩ x km |
| Signal run time @ 20 °C | ≤4.4 ns/m |
| Impedance @ 100 MHz | 100 Ω ±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 60332-2-2 Flame retardancy |
| | IEC 60754-1 Halogen freeness |
| | IEC 60754-2 Halogen freeness |
| | IEC 61034-1 Smoke density |
| | IEC 61034-2 Smoke density |
| | EN 60811-2-1 Oil resistance |

Commercial data

| | |
|--------------------------------|----------|
| Packaging size | 1,000 |
| Net weight | 53 g |
| Net weight | 46 g/m |
| Country of origin | Germany |
| European customs tariff number | 85444290 |



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Commercial data

| | |
|-------------|------------------------------------------------|
| GTIN | 5713140273757 |
| eCl@ss | 27061801 Data and communication cable (copper) |
| ETIM | EC003249 |
| UNSPSC 24.0 | 26121609 |