



Pushing Performance  
Since 1945

# HARTING IE Cat.6A 4x2xAWG26/7 PUR, 50m

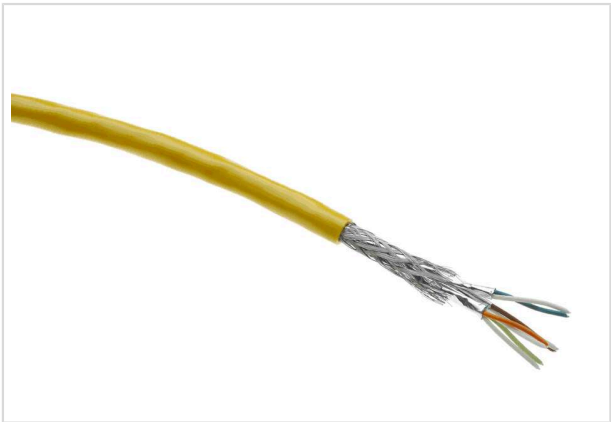


Image is for illustration purposes only. Please refer to product description.

|                    |   |
|--------------------|---|
| Part number        | 09 45 600 0640  |
| Specification      | HARTING IE Cat.6A 4x2xAWG26/7 PUR, 50m  |
| HARTING eCatalogue | <a href="https://harting.com/09456000640">https://harting.com/09456000640</a> |

## Identification

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

## Version

|                 |                |
|-----------------|----------------|
| Cable length    | 50 m           |
| Number of cores | 8              |
| Core structure  | 4x 2x AWG 26/7 |

## Technical characteristics

|                               |   |
|-------------------------------|---|
| Transmission characteristics  | Cat. 6A Class E <sub>A</sub> up to 500 MHz                                    |
| Data rate                     | 10 Mbit/s   |
|                               | 100 Mbit/s  |
|                               | 1 Gbit/s  |
|                               | 2.5 Gbit/s  |
|                               | 5 Gbit/s  |
|                               | 10 Gbit/s   |
| Limiting temperature          | -40 ... +80 °C unmoved<br>-40 ... +80 °C moved                                |
| Minimum bending radius        | 10x Cable diameter (repeated bending)<br>5x Cable diameter (singular bending) |
| Conductor resistance @ 20 °C  | ≤290 Ω/km   |
| Insulation resistance @ 20 °C | ≥500 MΩ x km  |
| Signal run time @ 20 °C       | ≤5.13 ns/m  |



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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 | UN/ECE-R 118 fire protection for rolling stock |
| UL / CSA       | UL 21815 AVL V2.E333435                        |

## Commercial data

|                                |  |
|--------------------------------|--|
| Packaging size                 | 1  |
| Net weight                     | 2,290 g  |
| Country of origin              | Germany  |
| European customs tariff number | 85444995                                       |
| GTIN                           | 5713140062184                                  |
| eCl@ss                         | 27061801 Data and communication cable (copper) |
| ETIM                           | EC003249                                       |
| UNSPSC 24.0                    | 26121609                                       |