



Figure similar

CONNECTING CABLE S7 SHIELDED 6.5M

Connecting cable shielded for SIMATIC S7-300/1500 between front connector module and Connection module 16x0.14 mm<sup>2</sup> with IDC connectors, Length = 6.5 m

|                                                              |                                                                                              |
|--------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| target system                                                | SIMATIC S7-300 / 1500                                                                        |
| suitability for use                                          | Digital and analog I/O modules                                                               |
| product type designation                                     | Fully modular connection                                                                     |
| product designation                                          | Pre-assembled round cable                                                                    |
| Operating data / header                                      |                                                                                              |
| operating voltage / at DC                                    |                                                                                              |
| • rated value                                                | 24 V                                                                                         |
| • maximum                                                    | 60 V                                                                                         |
| ambient temperature                                          |                                                                                              |
| • during operation                                           | 0 ... 60 °C                                                                                  |
| • during storage                                             | -30 ... +70 °C                                                                               |
| General data / header                                        |                                                                                              |
| suitability for interaction                                  |                                                                                              |
| • input card PLC                                             | Yes                                                                                          |
| • PLC output card                                            | Yes                                                                                          |
| suitability for use                                          |                                                                                              |
| • digital signal transmission                                | Yes                                                                                          |
| • analog signal transmission                                 | Yes                                                                                          |
| Product properties, functions, components / general / header |                                                                                              |
| number of channels                                           | 8                                                                                            |
| design of cable                                              | Round cable                                                                                  |
| wire length                                                  | 6.5 m                                                                                        |
| number of poles                                              | 16                                                                                           |
| number of conductors / of connection cable                   | 16                                                                                           |
| conductor cross section / rated value                        | 0.14 mm <sup>2</sup>                                                                         |
| color / of cable sheath                                      | Black                                                                                        |
| outer diameter / of cable sheath                             | 7 mm                                                                                         |
| material / of the connection cable sheath                    | PVC                                                                                          |
| design of the shield                                         | braided shield                                                                               |
| connector type                                               | IDC connector                                                                                |
| type of electrical connection / on enclosure                 | Connector strip                                                                              |
| number of poles / at the 1st interface                       | 16; cable side front connector module                                                        |
| type of electrical connection / in the field                 | Connector strip                                                                              |
| number of poles / at the 2nd interface                       | 16; on the connection module                                                                 |
| certificate of suitability                                   |                                                                                              |
| • cULus approval                                             | No                                                                                           |
| reference code / according to IEC 81346-2                    | WG                                                                                           |
| net weight                                                   | 0.45 kg                                                                                      |
| last modified:                                               | 4/9/2025  |

