

## 6FX8002-2DC10-1BA0

Industrial automation components

<b>Manufacturer</b>	Siemens
<b>Catalog number</b>	6fx8002-2dc10-1ba0
<b>Category</b>	Industrial automation components
<b>Product type</b>	Industrial automation components
<b>Status</b>	Active product

### Technical specification

<b>Weight</b>	0.91 kgs
<b>Signal Level</b>	24 V
<b>Interface Type</b>	rj45
<b>Product Type</b>	Drive
<b>Connector Type</b>	RJ45
<b>Connector Rating</b>	IP20 (module side), IP67 (motor side)
<b>Outer Diameter</b>	7.1 mm
<b>Cable Length</b>	10 meters m
<b>Installation Length</b>	up to 75 meters m
<b>Product Series</b>	MOTION-CONNECT 800PLUS
<b>Compatibility</b>	Siemens SINAMICS S120 motor modules, SINUMERIK 840D sl systems

### Description

The Siemens 6FX8002-2DC10-1BA0 is a pre-assembled signal cable designed for industrial automation applications, particularly in motion control systems. This cable features a DRIVE-CLiQ interface, ensuring seamless connectivity between Siemens components. It is equipped with a 24 V RJ45 connector, offering IP20 protection on the module side and IP67 on the motor side, which provides enhanced durability and resistance to environmental factors. The cable has a maximum outer diameter of 7.1 mm and a total length of 10 meters, making it suitable for various installation scenarios. It is approved for installations up to 75 meters in total length, accommodating longer distances when necessary. The MOTION-CONNECT 800PLUS series ensures high performance and stability, meeting the rigorous demands of industrial environments. This cable is compatible with Siemens SINAMICS S120 motor modules and SINUMERIK 840D sl systems, facilitating efficient and reliable operation in complex automation setups.