

Allen-Bradley 1746 1747 Series Service Manual

1747-C20

1. Description

The 1747-C20 from Allen Bradley is designed to serve as a programming and communication cable for SLC 500 controllers. With a length of 6.09 meters (20 feet), it facilitates versatile connectivity across supported devices. Technical specifications for 1747-C20

2. Specifications

Specification	Value
Manufacturer	Allen Bradley
Series	SLC 500
Part	Number 1747-C20
Product	Type Programming/Communication Cable
Supported	Controller SLC 500 controllers
Cable	Length 6.09 m (20 ft)
1747-AIC	Isolated Link Coupler Supported
1747-PIC	Personal Interface Converter Supported
1747-DTAM-E	Data Table Access Module Supported
Isolation	Voltage 1500V DC
Communication	Protocol DH-485
Connector	Type Clip on
EMI	Protection Yes Description
Allen	Bradley's 1747-C20 is a specialized programming and communication cable for SLC 500 controllers. This 6.09-meter (20-foot) cable allows for flexible connections to various devices, enhancing operational capabilities. Among its compatible accessories are the 1747-AIC Isolated Link Coupler and the 1747-PIC Personal Interface Converter, which work together to facilitate effective communication.

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Additionally, this cable can interface with the 1747-DTAM-E Data Table Access Module. Designed for reliability, it features a clip-on connector type, ensuring secure connections. The 1747-C20 demonstrates strong isolation characteristics with an isolation voltage rating of up to 1500 volts DC, protecting the system from electrical faults. Moreover, it supports the DH-485 communication protocol, allowing efficient data transmission across connected components. The cable also possesses electromagnetic interference (EMI) protection, adding another layer of dependability and performance for industrial applications.

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