

3HAC031683-001

Industrial automation components

Manufacturer	Abb
Catalog number	3hac031683-001
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Weight	0.09 kgs
Cable Length	10 meters m
Connector Configuration	1 x 9-pin D-Sub male, 1 x 9-pin D-Sub female
Conductor Material	Silver-plated copper
Insulation Material	Polyethylene
Outer Sheath Material	Polyurethane
Protection Rating	IP67
Compatible Robot Models	IRB 1200, 1400, 1600, 2400, 4400

Description

The ABB 3HAC031683-001 is a 10-meter robotic teach pendant interface cable designed for seamless communication between ABB industrial robots and their controllers. Manufactured by ABB, a global leader in industrial technology, this cable ensures reliable and durable performance in various automation settings. It features a dual connector configuration with one 9-pin D-Sub male and one 9-pin D-Sub female connector, facilitating robust signal transmission. The conductors are made from silver-plated copper, enhancing electrical conductivity, while the insulation comprises polyethylene for flexibility. The outer sheath is crafted from polyurethane, providing resistance to chemicals, abrasion, and oil, making it suitable for demanding industrial environments. The cable's high-flex design allows it to withstand repetitive motion, ensuring a long service life. Additionally, the connectors are rated IP67, offering protection against dust and water ingress. Compatible with several ABB robot models, including the IRB 1200, 1400, 1600, 2400, and 4400, the 3HAC031683-001 is an essential component for maintaining efficient robotic operations.