ABB DRIVE OPTICAL LINKS

Product Data Sheet

NLWC-10

Plastic fibre-optic cable pair

FIBRES SUPPLIED	LENGTH PER FIBRE	FIBRE MATERIAL	FAMILY
2 single fibres	**10 m**	**Plastic optical fibre**	**ABB drive optical links**

ABB NLWC-10 is a pair of single plastic fibre-optic cables for optical connections in compatible ABB drive installations. The manufacturer identifies the set as two individual 10 m fibres, allowing the optical transmit and receive paths to be routed as separate cable runs.

01 TECHNICAL DATA

Fibres supplied	2 single fibres
Length per fibre	10 m
Fibre material	Plastic optical fibre

02 ADDITIONAL PRODUCT DATA

Each fibre is 10 m long and uses a plastic optical medium. The cable set is passive connection hardware rather than an active transceiver or I/O module; the installed optical components and host documentation determine the compatible connector arrangement, optical power and permitted link configuration.

03 PRODUCT FUNCTION

Use NLWC-10 where the ABB host documentation calls for the corresponding plastic fibre-optic cable set. ABB identifies two single 10 m fibres; retain the transmit and receive path assignments in the installation record instead of treating the pair as one continuous 20 m cable.

04 SYSTEM COMPATIBILITY

Match the cable ends to the installed optical transmitters and receivers before routing. Optical link performance depends on the host component type and transmitter settings; the NLWC-10 cable designation alone does not establish a universal data rate or attenuation budget.

05 REFERENCE

ABB product 58948276: NLWC-10, two 10 m single plastic optical fibres

AMIKON PRODUCT SUPPORT

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