Data Sheet

28.10.2026

Han® 3A 2 x LC Duplex Connector Assembled to Cable





CONNECTOR SIDE A	CABLE CROSS-SECTION	CONNECTOR SIDE B
Han® 3A, 2 × LC duplex	CONNECTOR TYPE	Han® 3A, 2 × LC duplex
HARTING Electronics GmbH & Co. KG	MANUFACTURER	HARTING Electronics GmbH & Co. KG
4 (2 × LC duplex)	FIBER COUNT	4 (2 × LC duplex)
selectable (MM / SM / SM APC 8°)	FIBER TYPE	selectable (MM / SM / SM APC 8°)
Ø 1.25 mm, ceramic, axially spring-loaded	FERRULE	Ø 1.25 mm, ceramic, axially spring-loaded
≤ 0.25 dB (MM) / ≤ 0.15 dB (SM)	INSERTION LOSS	≤ 0.25 dB (MM) / ≤ 0.15 dB (SM)
IP67	PROTECTION CLASS	IP67
200	MATING CYCLES	200
Metal	HOUSING MATERIAL	Metal
5 to 14 mm	CABLE DIAMETER	5 to 14 mm

Amphenol Sachsenkabel
Address Hauptstraße 110, 09390 Gornsdorf, Germany • **Phone** +49 3721 39 88-0 • **Email** info@sachsenkabel.com
Non-binding data sheet, subject to errors, omissions, and modifications. This document is protected by copyright.

CABLE			
MANUFACTURER	WEINERT Fiber Optics GmbH	**WEIGHT**	Approx. 33 kg/km
TYPE	FiberConnect® A-V(ZN)11Y(ZN)11Y 4…	**MIN. BEND RADIUS (STATIC)**	90 mm
PART NO.	84950042#	**MIN. BEND RADIUS (DYNAMIC)**	120 mm (assembly, with tensile strain)
CABLE CORE	4 tight-buffered fibers (TB900L), Ø 0.9 mm	**MAX. TENSILE FORCE**	2000 N
CORE COLORS	Red, yellow, blue, green	**CRUSH RESISTANCE**	1000 N/dm (long term)
STRAIN RELIEF	Aramid	**IMPACT RESISTANCE**	30 impacts, 1 Nm, R = 12.5 mm
INNER JACKET	TPE-U, Ø approx. 3.5 mm	**OPERATING TEMP.**	−40 … +70 °C
OUTER JACKET	TPE-U, wall approx. 0.8 mm	**STORAGE TEMP.**	−55 … +80 °C
OUTER DIAMETER	Approx. 6.0 mm	**INSTALLATION TEMP.**	−5 … +50 °C
JACKET COLOR	Orange (or per customer request)	**FIRE PERFORMANCE**	Flame-retardant, halogen-free

PRODUCT DESCRIPTION

- Pre-assembled 4-fiber cable with Han® 3A 2 × LC duplex connectors (HARTING) on both ends
- Flexible cable for moved applications, indoor and outdoor; very good resistance to oil, petrol, acid and leach; UV-resistant outer jacket; flame-retardant (IEC 60332-1-2), halogen-free (IEC 60754-1)
- Metal connector housing with locking lever, protection class IP67

SPECIFICATION

- **Cable length:** on request
- **Connectors per end:** 1 × Han® 3A (2 × LC duplex)
- **Temperature range:** −40 … +70 °C
- **Insertion loss:** ≤ 0.25 dB (MM) / ≤ 0.15 dB (SM)
- **Return loss (SM):** ≥ 50 dB (PC) / ≥ 70 dB (APC 8°)

Amphenol Sachsenkabel
Address Hauptstraße 110, 09390 Gornsdorf, Germany • **Phone** +49 3721 39 88-0 • **Email** info@sachsenkabel.com
Non-binding data sheet, subject to errors, omissions, and modifications. This document is protected by copyright.