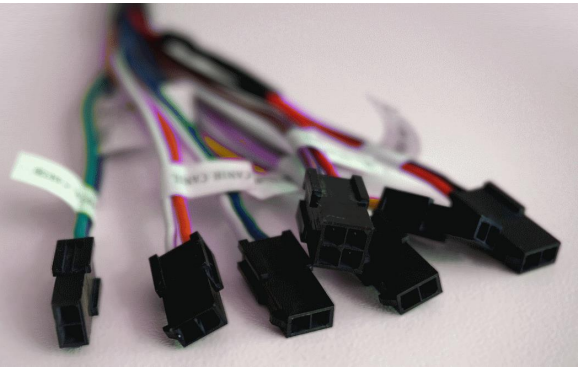


Easy Wires

Data Sheet v1.0

2015-12-16



- Compatible with FM-Pro4, FM-Tco4, FM-Tco4 (LCV) devices
- Positive locks
- Easy installation

Description

Our "Easy Wires" harnesses are a unique connector system that incorporates many of the features previously found only on large power connectors. FM-BH-103 and FM-SH-103 connectors are the perfect choice when you need compact connectors that can carry up to 5.0A of current. Wires come with Micro-Fit 3.0 connectors which ensures a wide range of possible applications.

Easy wires make it easy to connect various accessories to the FM device. Different cables have stickers with labels on them. Labels help to distinguish between different FM Device ports where these connectors should be attached.

12 V Power supply wire for "FM-BH-103" harness has a fuse for extra protection against power surges.

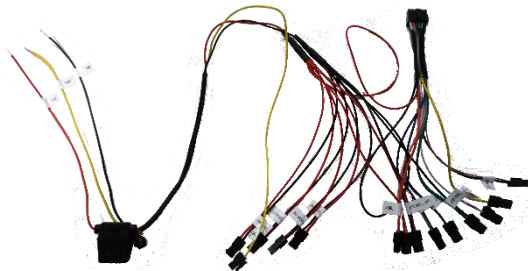


Figure 1. FM-BH-103 wire harness

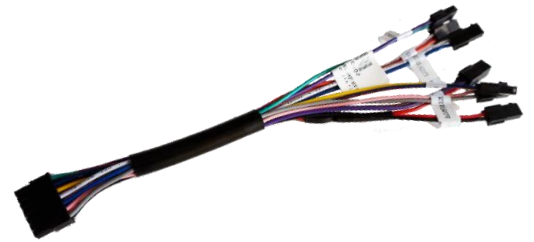


Figure 2. FM-SH-103 wire harness

Physical properties

Connection Micro-Fit 3.0

Connector 12 pin

Housing Plastic

Contacts

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W. ruptela.com

FM Device socket technical specification

12 pin connector dimensions	18 x 6 mm
14 pin connector dimensions	21 x 6 mm
Max. current up to	5 A
Max. voltage up to	50 V
Max. operating temperature up to	+105 °C

Easy wire harnesses

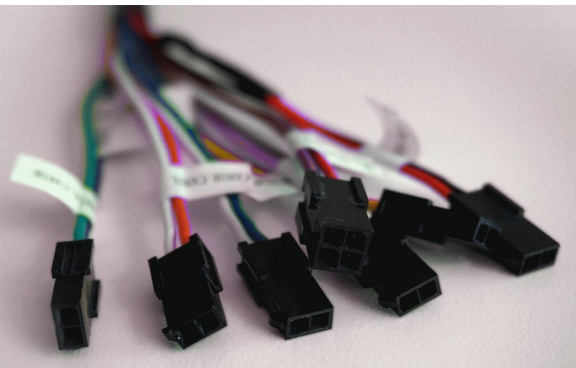
	Length, mm	Cable type	Number of connectors	Fuse
FM-BH-103	900	AWM 20AVG	3 x Notched ends	Yes (On 12 V power supply wire)
			Front 1 x 12pin (w)	
			End 13 x 2pin (a) End 1 x 2pin (r)	
FM-SH-103	200	AWM 20AVG	Front 1 x 14pin (w)	No
			End 6 x 2pin (a)	
			End 1 x 4pin (a)	

Explanations: (r) - receptacle housing; (a) - acceptable housing; (w) - wire to board, female.

Easy Wires

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Accessories available with Easy wires

	Length, mm	Cable type	Number of connectors	Extender	Splitter
EasyCAN	700±10	LIYY 4x0,25	2 x 2pin (r)	Yes	Yes (On power supply wires)
EasyCAN Volvo	700±10	LIYY 4x0,25	2 x 2pin (r)	Yes	Yes (On power supply wires)
Eco-Drive panel	2000±10	AWM 2464 28 AWG	Front 3 x 2pin (r), End 2 x 2pin (a), Front 1 x 6pin (w)	Yes	No
Smart Card Reader	1000±10	AWM 2464 28 AWG	End 3 x 2pin (r)	Yes	No
iButton	2000±30	-	2 x 2pin (r), 1 x 4pin (r), 5 x Female crimp terminals	Yes	No
RFID reader	3000±30	AWM 2464 24 AWG	4 x 2pin (r), 5 x Female crimp terminals	Yes	No
Temp. sensor	1000±10	H03VV-F 3x0,5	End 1 x 4pin (r)	Yes	Yes

Explanations: (r) - receptacle housing; (a) - acceptable housing; (w) - wire to board, female.

Physical properties

Connection Micro-Fit 3.0

Connector 12 pin

Housing Plastic

Contacts

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