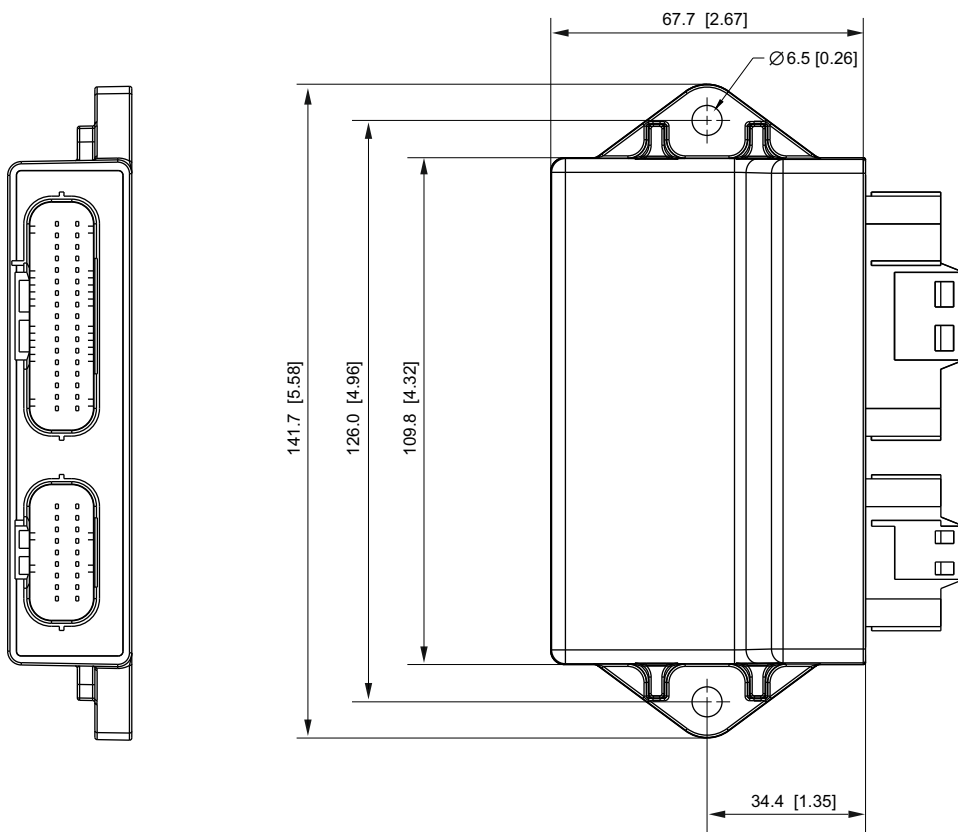
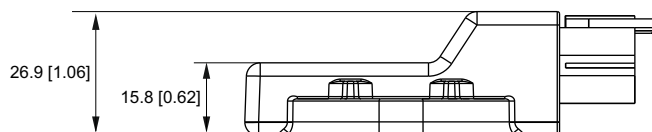




AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV





AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Technical specifications

Plug 'n play ECU for :

AiM ECU Yarara Compatible models	Bikes				
	Brand	Type	Race	From Year	To Year
	YAMAHA	YFZ450R	Cross	2021	2022
		Raptor 700	Cross	2021	2023

Additional inputs	Two 0-5V analog inputs sampled @ 1,000 Hz each
Additional outputs	Second injector driver for high impedance saturated injectors (12Ω) One low side driver (1A)
CAN connectors	2 CAN bus, one for calibration purposes, one for expansions (AiM handlebar switch, dataloggers, dash ecc.)
Power consumption	150 mA
Connectors	n.1 JAE male 18 pin MX23A18NF1 Connector n.1 34 pin male Connector
Body	PA6 + 30% glass fiber
Dimensions	141.5x84.3x26.9 mm
Waterproof	IP67
Weight	370 g

Part numbers (ECU Yarara & accessories)

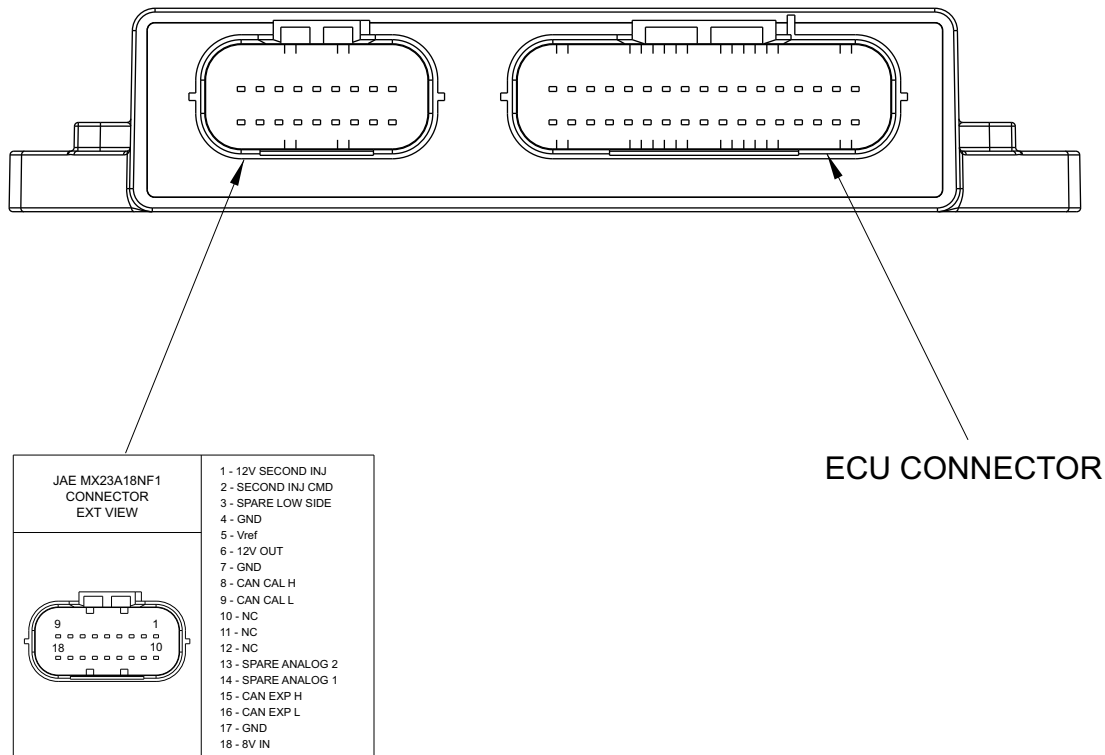
XE1ECUYA0	ECU Yarara
V02596090	Additional harness
XE1HBS200	HBS2 (Handle Bar Switch 2)
X08CANBTM00	CAN-BT Module + ECU AiM Harness 40 cm
XE1UCB000	UC Bridge
XE1UCBT00	UC Bridge Tuner
XE1ECUYHBS20	Kit ECU Yarara + HBS2
XE1ECUYHBS2UCB0	Kit ECU Yarara + HBS2 + UC Bridge



AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Pinout

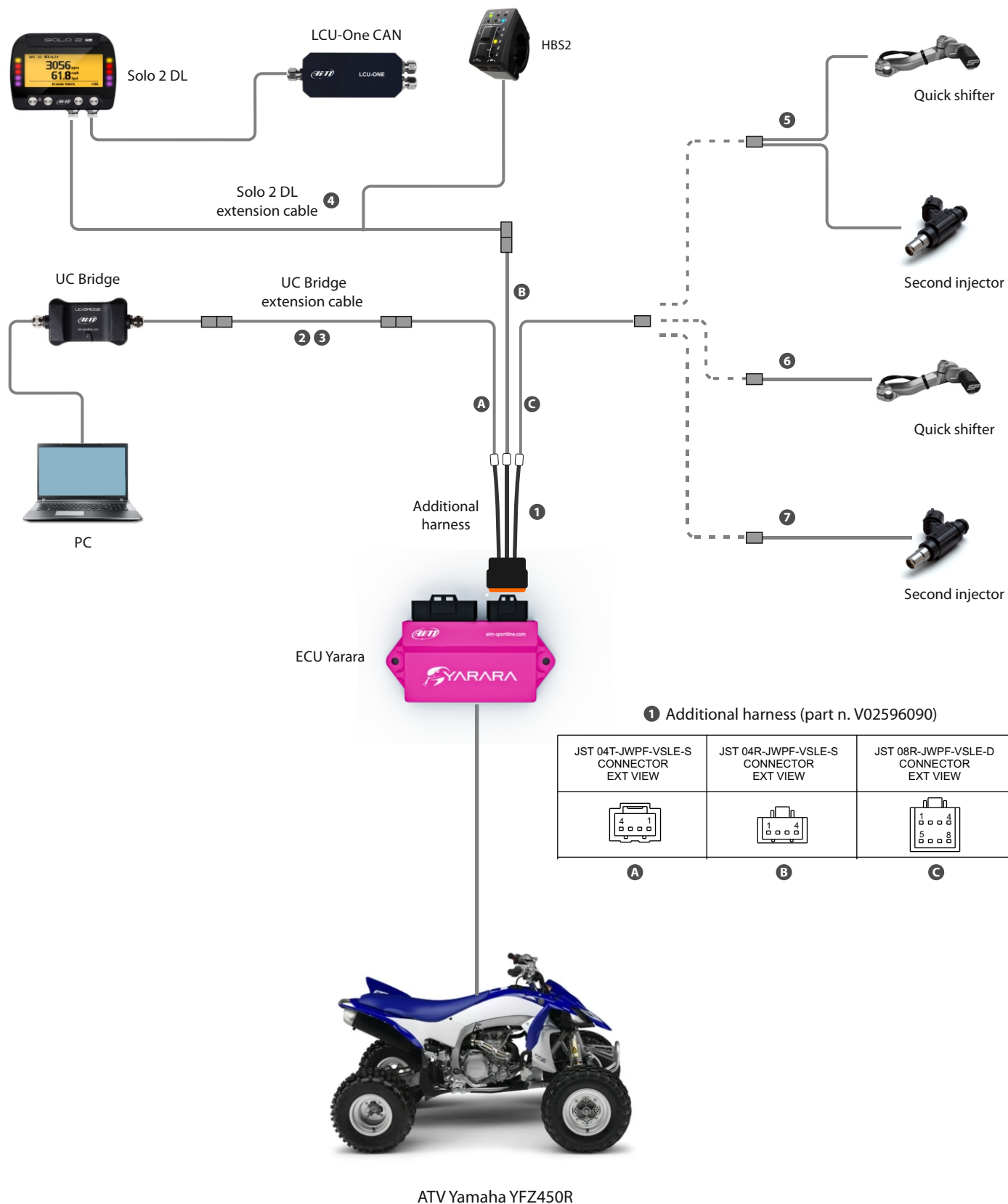




AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Functional diagram





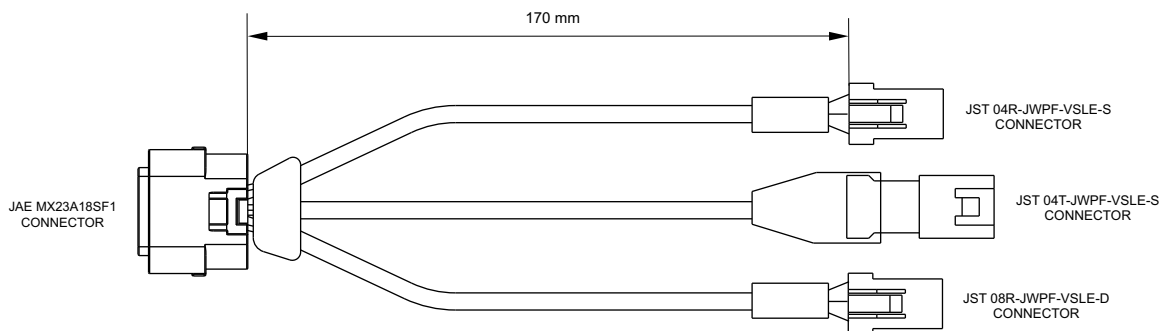
AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Optional cables

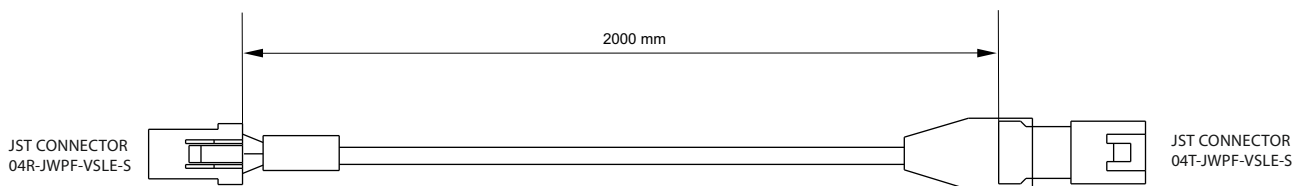
1 Additional harness 170 mm

Part number V02596090



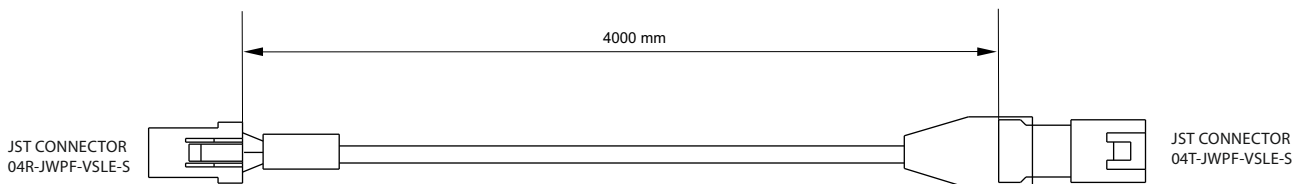
2 UC Bridge extension cable 2 m

Part number V02596020



3 UC Bridge extension cable 4 m

Part number V02596030





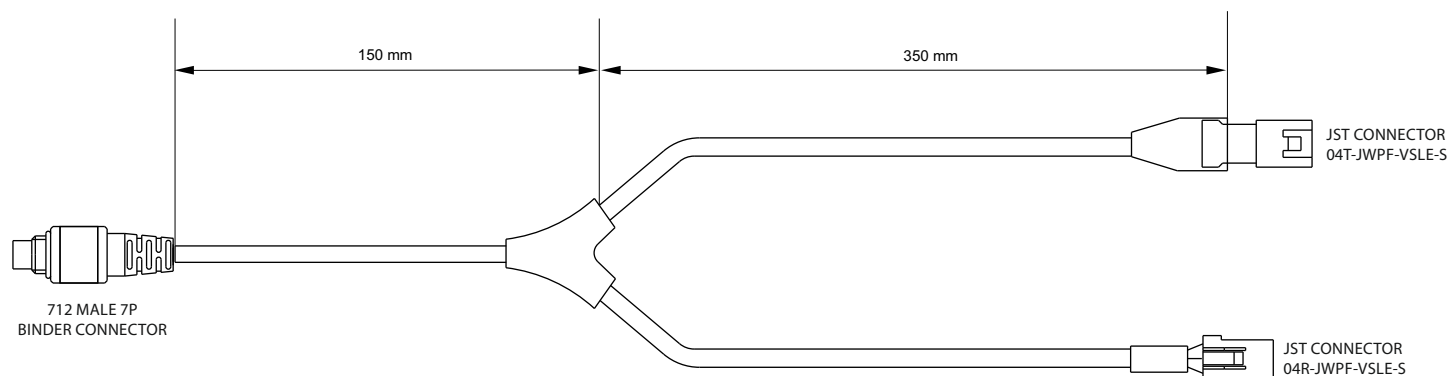
AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Optional cables

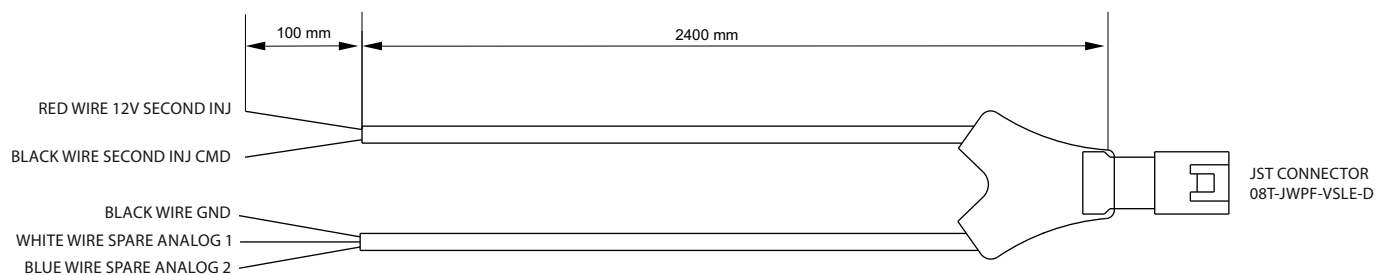
4 Solo 2 DL extension cable 50 cm

Part number V02589120



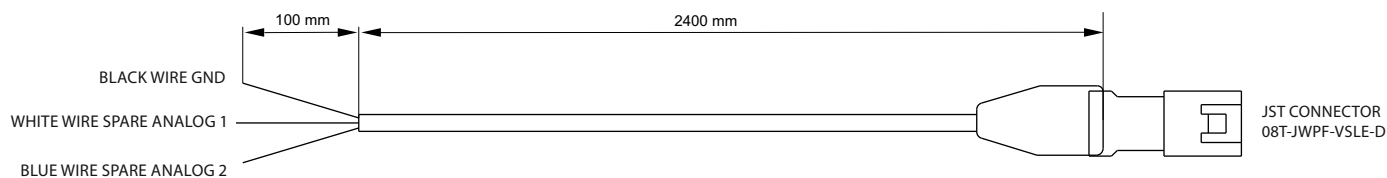
5 Analog channels and second injection harness

Part number V02596060



6 Analog channels harness

Part number V02596070





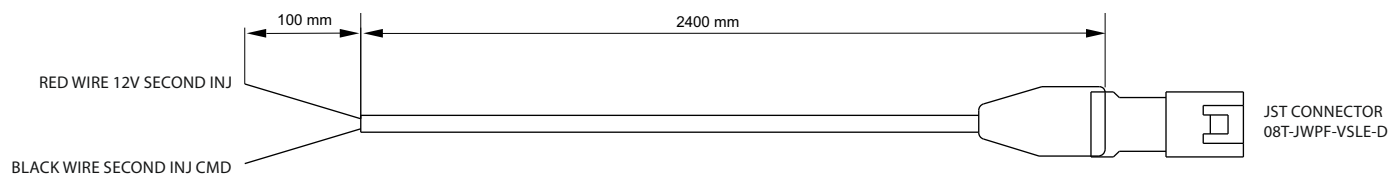
AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Optional cables

7 Second injection harness

Part number V02596080



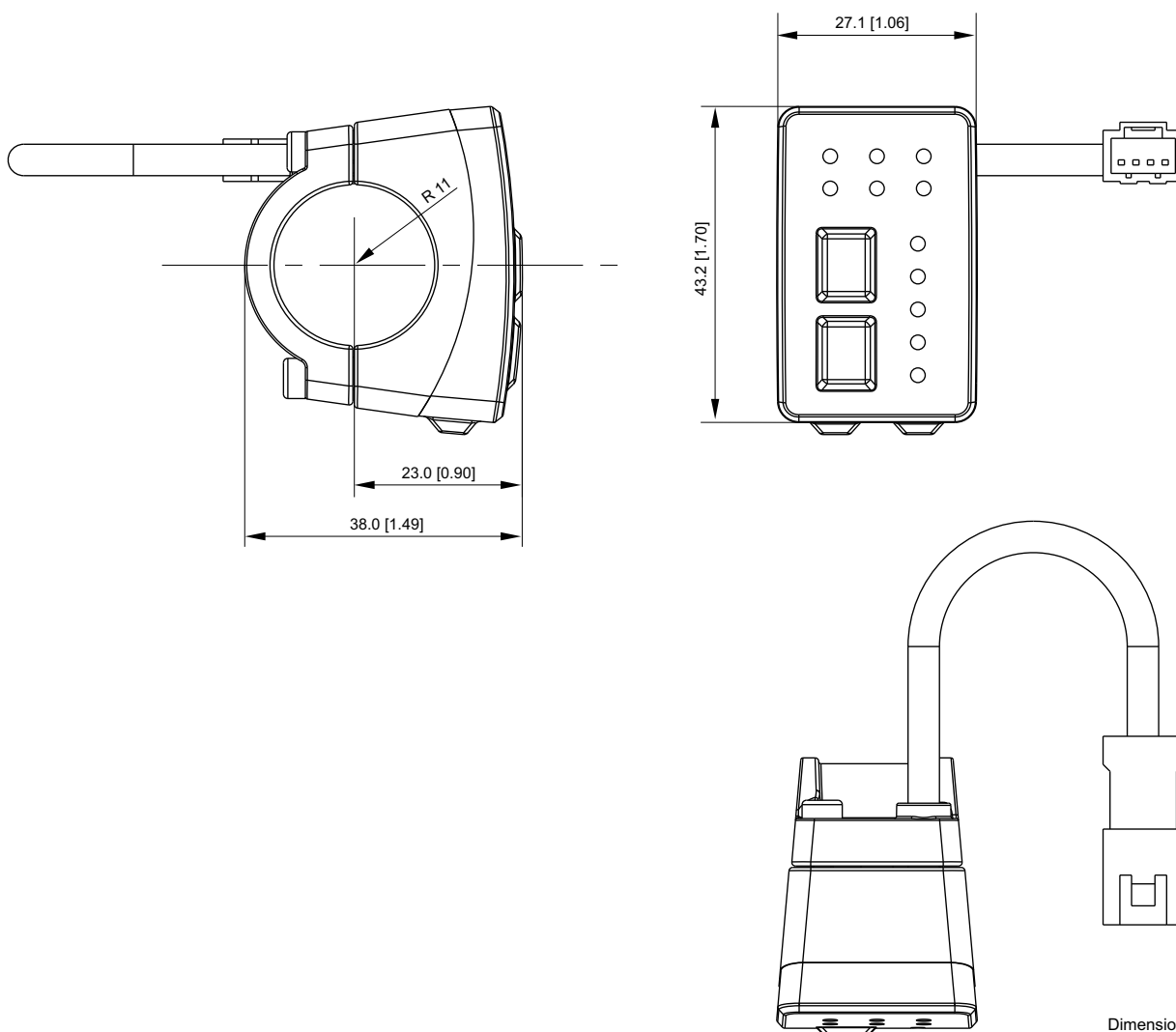


AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Accessories:

HBS2 (Handle Bar Switch 2)



Dimensions in mm [inches]



AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Accessories:

HBS2 main features

- Map selection: Up to 5 selectable maps
- Fuel Correction: for low, middle, and high RPM
- Launch control at different levels
- Traction control at different levels
- Enable quickshift using the button on models equipped with a factory electronic shifter

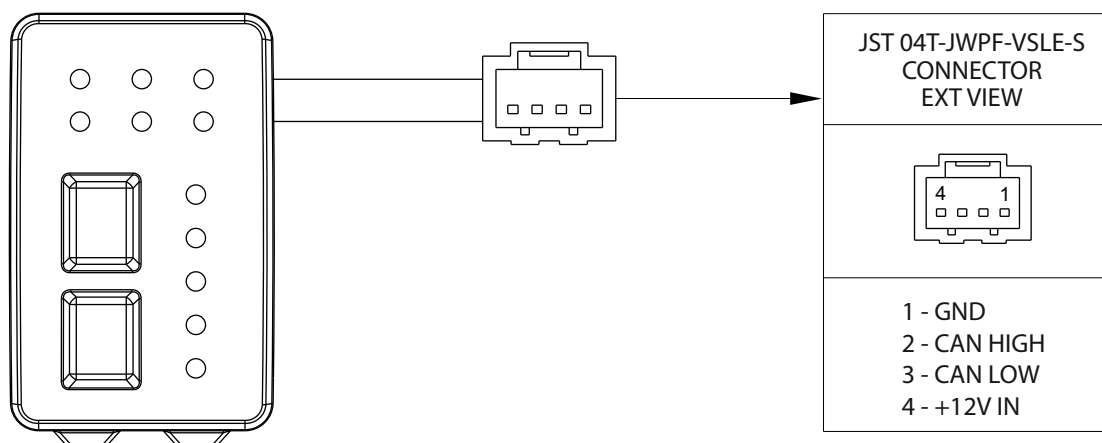
Technical specifications

Connector	1 JST 04T-JWPF-VSLE-S waterproof connector for CAN BUS communication
Body	PA6 + 30% glass fiber + silicon rubber
Dimensions	43.2x27.1x38.0 mm
Waterproof	IP67
Weight	70 g

Part number

XE1HBS200	HBS2
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Pinout



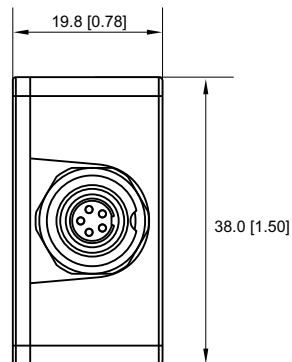
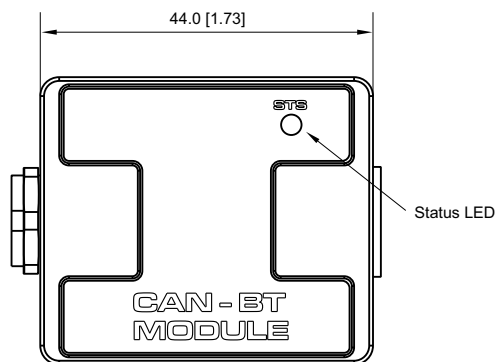
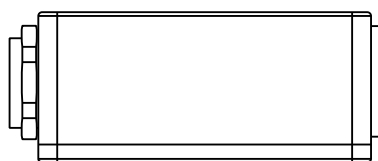
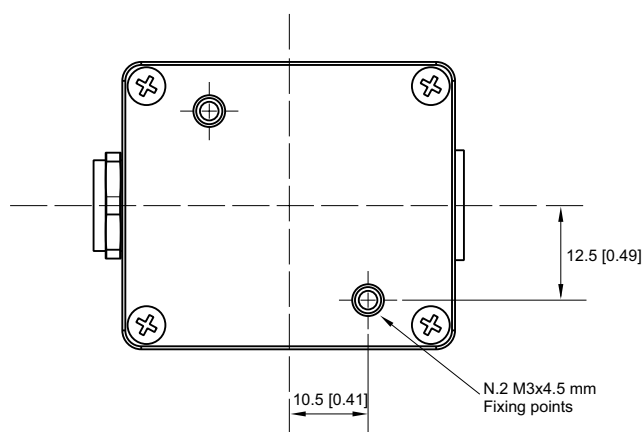


AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Accessories:

CAN-BT Module



Dimensions in mm [inches]



AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Accessories:

CAN-BT Module Technical specifications

CAN-BT Module grants instant access to key engine data from your Taipan and Yarara ECU.

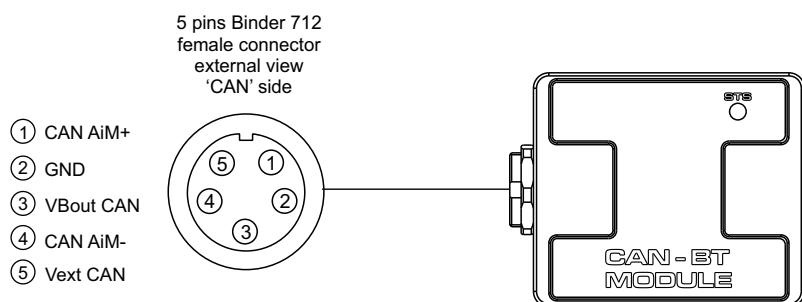
Installing the **SPARK App** (for Apple iOS and Android) on your smartphone provides a streamlined, data-driven interface for real-time monitoring of live engine parameters.

External power	9÷15 V
Connections	CAN, Bluetooth
Connectors	1 Binder 712 female
Material	PA6 30% glass
Dimensions	44.0 x 38.0 x 19.8 mm
Weight	50 g
Waterproof	IP65

Part number

X08CANBTM00	CAN-BT Module + ECU AiM Harness 40 cm
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Pinout





AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Accessories:

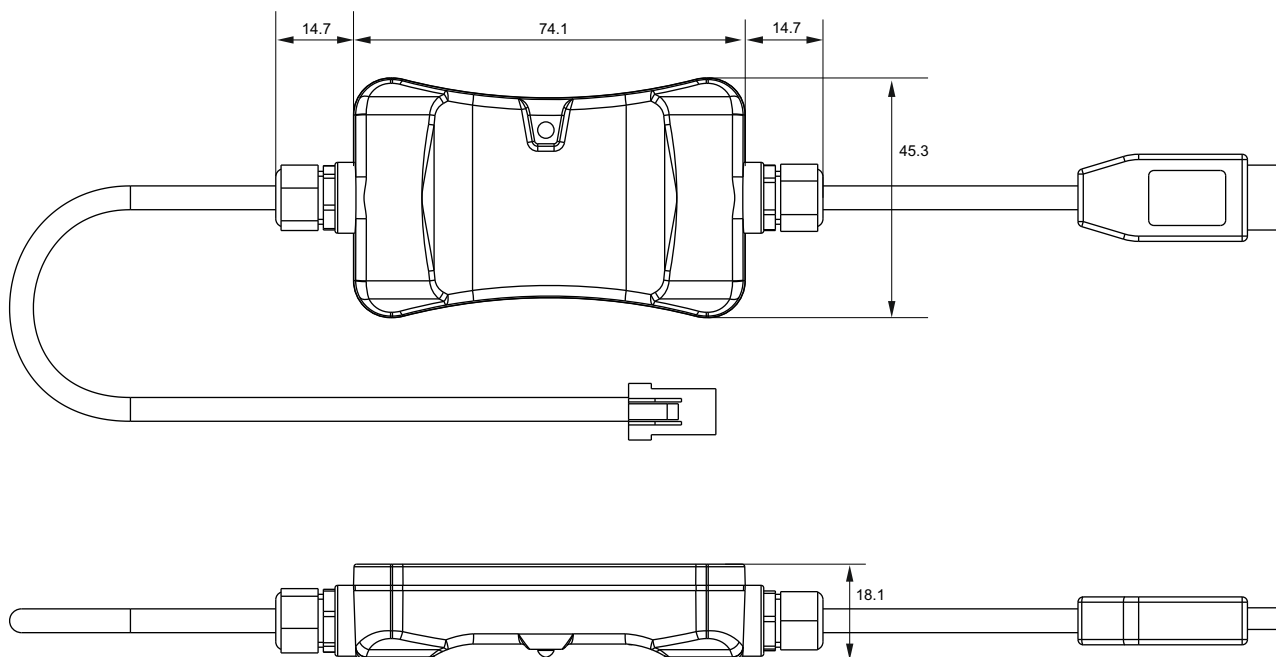
UC Bridge



User license



Tuner license





AiM ECU Yarara

PLUG 'N PLAY ECU FOR YAMAHA ATV

Accessories:

UC Bridge technical specifications

Connections	n.1 USB connection for PC
	n.1 JST 04R-JWPF-VSLE-S waterproof Connector for CAN Bus communication
Body	PA6 + 30% glass fiber
Dimensions	103.5x45.3x18.1 mm
Waterproof	IP65
Weight	80 g

Part numbers

XE1UCB000	UC Bridge
XE1UCBT00	UC Bridge Tuner

Pinout

