
FXR90 Ultra-Rugged Fixed RFID Readers

Accessories guide



Power supply units

PWR-BGA24V90W0WW



Level VI AC/DC power supply brick, IP67 sealed. AC input: 100-240V, 1.4A; DC output: 24V, 3.75A, 90W, -40 to +65 degrees C. Requires: country specific grounded AC line cord

PWR-BGA24V78W3WW



Level VI AC/DC power supply brick, unsealed. AC input: 90-264V, 3A; output: 24V, 3.25A, 78W, -20 TO +55 degrees C. Requires: country specific grounded AC line cord

PWR-BGA24V90W1WW



DC/DC power supply brick, IP67 sealed. DC input: 9-60V, 17.2A; output: 24V, 3.75A, 90W, -40 TO +65 degrees C

PSU to reader power cables

CBL-PWRD035-M12M12



M12 to M12 DC output line cord, 3.5 meter.
Requires PWR-BGA24V90W0WW or
PWR-BGA24V90W1WW power supply

CBL-PWRD100-M12M12



M12 to M12 DC output line cord, 10 meter.
Requires PWR-BGA24V90W0WW or
PWR-BGA24V90W1WW power supply

IP67 sealed AC/DC PSU to source power cables

Cables for PWR-BGA24V90W0WW

CBL-PWRA150-M1200



M12 to flying leads, AC input line cord, 15 meter. Requires PWR-BGA24V90W0WW and either CBL-PWRD035-M12M12 or CBL-PWRD100-M12M12

CBL-PWRA035-M12IEC



M12 to IEC plug, AC input line cord, 3.5 meter. Requires PWR-BGA24V90W0WW, either CBL-PWRD035-M12M12 or CBL-PWRD100-M12M12, and country specific grounded AC line cord

IP67 sealed DC/DC PSU to source power cables

Cables for PWR-BGA24V90W1WW

CBL-PWRD150-M1200



M12 to flying leads, DC input line cord, 15 meter. Requires PWR-BGA24V90W1WW. For use with 9-60VDC source

Reader direct to source power cables (no PSU required)

Power source must provide conditioned power

CBL-PWRD035-M12CL



M12 to 12V auto auxiliary power outlet adaptor (cigarette lighter), 3.5 meter. No power supply required

CBL-PWRD035-M1200



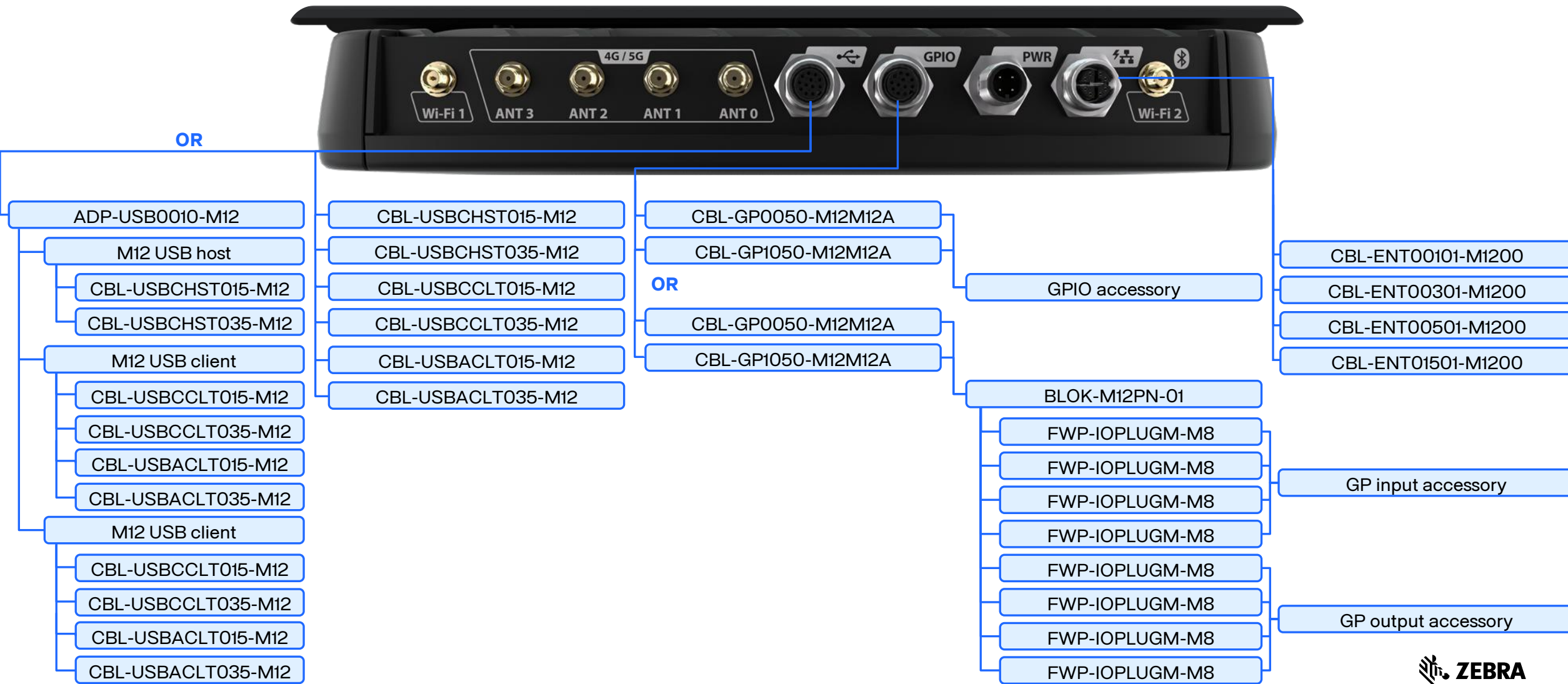
M12 to flying leads, DC power cord, 3.5 meter. No power supply required. For use with 12-24VDC source

CBL-PWRD100-M1200

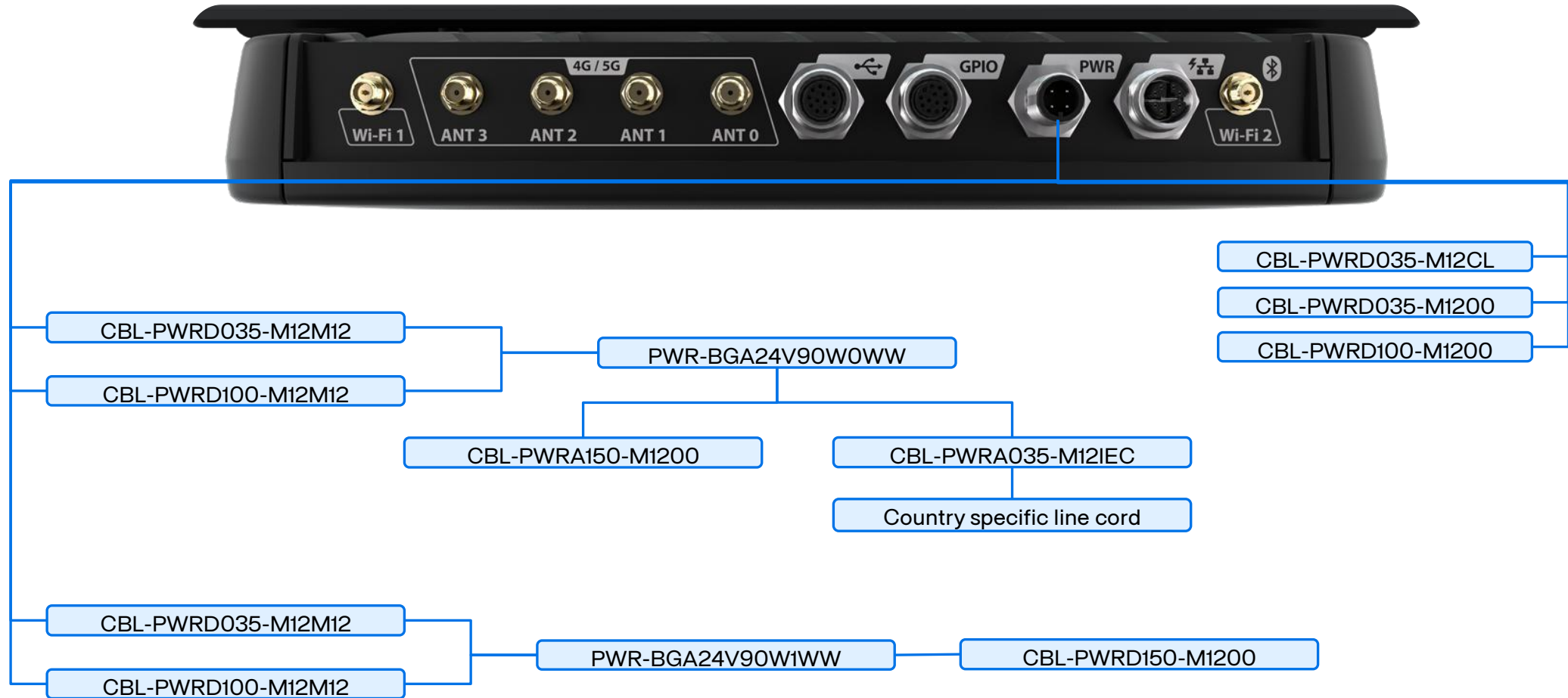


M12 to flying leads, DC power cord, 10 meter. No power supply required. For use with 12-24VDC source

Reader accessories diagram



Reader power supply diagram



General purpose input/output (GPIO) cables

CBL-GP0050-M12M12A



M12 to M12 A-coded male GPIO accessory cable, 5 meter

CBL-GP1050-M12M12A



M12 to M12 A-coded male GPIO accessory cable, M12 GPIO power input, 5 meter.
Requires any FXR90 power supply and supporting cables

General purpose input/output (GPIO) breakout box

BLOK-M12PN-01



GPIO NPN breakout block for use with FXR90. Features 12-Pin M12 GPIO/DC power input connector, 4x M8 3-pin GP inputs, 4x M8 3-pin GP outputs

FWP-IOPLUGM-M8



Field-wireable M8 I/O plug 3-pin male for use with BLOK-M12PN-01 breakout box

USB splitter

Splits the FXR90's USB port out to one M12 USB host port and one USB client port

ADP-USB0010-M12



M12 Plug to M12 jack host1, M12 jack host 2 and M12 jack client: 3-way USB splitter (M12 male to 3x M12 female): Provides two USB host and one USB client port.

USB-C client cables

Used to connect the FXR90 to a host

CBL-USBCCLT015-M12



M12 to USB-C male client cable, 1.5 meter

CBL-USBCCLT035-M12



M12 to USB-C male client cable, 3.5 meter

USB-A client cables

Used to connect the FXR90 to a host

CBL-USBACLT015-M12



M12 to USB-A male client cable, 1.5 meter

CBL-USBACLT035-M12



M12 to USB-A male client cable, 3.5 meter

USB-C host cables

Used to connect USB C accessories to the FXR90

CBL-USBCHST015-M12



M12 to USB-C female receptacle host cable,
1.5 meter

CBL-USBCHST035-M12



M12 to USB-C female receptacle host cable,
3.5 meter

Ethernet cables

Part number	Description
CBL-ENT00101-M1200	M12X to RJ45 ethernet cable, 1m
CBL-ENT00301-M1200	M12X to RJ45 ethernet cable, 3m
CBL-ENT00501-M1200	M12X to RJ45 ethernet cable, 5m
CBL-ENT01501-M1200	M12X to RJ45 ethernet cable, 15m



RP-TNC to SMA RF antenna cables

Part number	Description
CBLRD-1C4000600R	Antenna cable: 60" LMR-240, RP-TNC STR plug to SMA STR plug, IP67 sealed
CBLRD-1C4001200R	Antenna cable: 120" LMR-240, RP-TNC STR plug to SMA STR plug, IP67 sealed
CBLRD-1C4001800R	Antenna cable: 180" LMR-240, RP-TNC STR plug to SMA STR plug, IP67 sealed
CBLRD-1C4002400R	Antenna cable: 240" LMR-240, RP-TNC STR plug to SMA STR plug, IP67 sealed
CBLRD-1C4003600R	Antenna cable: 360" LMR-240, RP-TNC STR plug to SMA STR plug, IP67 sealed



RP-TNC to Type N RF antenna cables

Part number	Description
CBLRD-1B4000680R	Antenna cable: 68" LMR-240, RP-TNC STR plug to N 90 degree plug
CBLRD-1B4001800R	Antenna cable: 180" (15') LMR-240, RP-TNC STR plug to N 90 degree plug
CBLRD-1B4002400R	Antenna cable: 240" (20') LMR-240, RP-TNC STR plug to N 90 degree plug
CBLRD-1B4003600R	Antenna cable: 360" (30') LMR-240, RP-TNC STR plug to N 90 degree plug



RP-TNC to Type N RF antenna cables

Part number	Description
CBLRD-3B4000680R	Antenna cable: 68" LMR-240, RP-TNC STR plug to N STR plug, IP67 sealed
CBLRD-3B4001800R	Antenna cable: 180" (15') LMR-240, RP-TNC STR plug to N STR plug, IP67 sealed
CBLRD-3B4002400R	Antenna Cable: 240" (20') LMR-240, RP-TNC STR plug to N STR plug, IP67 ealed
CBLRD-3B4003600R	Antenna cable: 360" (30') LMR-240, RP-TNC STR plug to N STR plug, IP67 sealed



Mounting hardware and adaptor plate

MNT-100100MM-01



Heavy duty 100 x 100mm VESA mount (wall or pole)

ADP-200100MM-01



Heavy duty adaptor plate. Converts 100 x 100mm VESA mount to 200 x 100mm. For use with MNT-100100MM-01

Wi-Fi and cellular/GPS antennas

ANT-WLANIP6-90SMA



Articulating outdoor IP67 sealed WLAN antenna, 124 mm, SMA connector

ANT-WLANIP0-90SMA



Articulating indoor WLAN antenna, 109 mm, SMA connector

ANT-4G5GGPS010-SMA



FXR90 4G/5G/GPS antenna, 1 meter cable, 4x SMA male connectors, black*

*Required for Cellular and/or GPS operation