FREEWAVE

Legend	
Diagnostic Cable	
DIN-Rail / Mount Plates and Shoes	
Power Supply and Connectors	
Cables and Adapters	
Light Pipe	
Firmware and Settings	
Extended Warranty	

Model SPECS	Options:	Description
ZIQ-P / ZIQ-P2	AOH0001HT	Kit, DIN Rail Bracket
902 - 928 MHz	ASC2402PT	Cable, power Assembly, 40" pigtail (default)
Board Level	ECD0324ER	3' Cable Assembly, RJ-45 to DB9 Female
Data Port: Serial and Ethernet	ECD0658EB	Cable, Ethernet, Cat 5E, Shielded, Blue
Protocol: RS232 / RS485, TCP/IP	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin.
	FWT1004IE	Ignition Edge Jail
	FWT1030AU	IQ AutoSol eACM Software v1.0.3
	FWT1100TP	ZumLink ZumIQ Developer Edition v1.1.0
	FWT1112TP	Zumlink / ZumIQ Developer Edition v1.1.1.2
	FWT1122TP	ZumLink / ZumIQ Developer Edition v1.1.2.2 (Default)
	FWT1122TB	ZumLink / ZumIQ Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
	SET0002CA	Setting, WC Custom Applications - no reset
	SET0000ZD	DevUser Password login - Enable
[MENU](#)	SET0001ZD	Devuser Password Login - Unique

Model SPECS	Options:	Description
ZIQ-PE	AOH4003SP	KIT, DIN Rail bracket reversible ZumLink
902 - 928 MHz	ASC0002ZL	Cable Assembly, 12" power, 2-SKT Plug to Barrel Jack, **Z9-PE**
Enclosed	ASC0003ZL	Cable Assembly, 40" External Power Pigtail **(**default for **Z9-PE** radio)
Data Port: Serial and Ethernet	ECD0324ER	Cable, Serial, 3' Serial Assembly, RJ-45 to DB9 Female
Protocol: RS232 / RS485, TCP/IP	ECD0658EB	Cable, Ethernet, Cat 5E, Shielded, Blue
	EMD1280UW	800mA, Wall Mount Power Adapter, with barrel connector. Mates with **ASC0002ZL** for **Z9-PE**
	FWT1004IE	Ignition Edge Jail
	FWT1030AU	IQ AutoSol eACM Software v1.0.3
	FWT1100TP	ZumLink / ZumIQ Developer Edition v1.1.0
	FWT1122TP	ZumLink / ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	ZumLink / ZumIQ Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
	SET0002CA	Setting, WC Custom Applications - no reset
	SET0000ZD	DevUser Password login - Enable
[MENU](#)	SET0001ZD	Devuser Password Login - Unique

Model SPECS	Options:	Description
ZIQ-PE2	AOH4003SP	KIT, DIN Rail bracket reversible ZumLink
902 - 928 MHz	ASC2402PT	Cable, power Assembly, 40" pigtail (default with **Z9-PE2** radio)
Enclosed	ECD0324ER	Cable, Serial, 3' Serial Assembly, RJ-45 to DB9 Female
Data Port: Serial and Ethernet	ECD0658EB	Cable, Ethernet, Cat 5E, Shielded, Blue
Protocol: RS232 / RS485, TCP/IP	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin for **Z9-PE2**
	FWT1004IE	Ignition Edge Jail
	FWT1030AU	IQ AutoSol eACM Software v1.0.3
	FWT1100TP	ZumLink / ZumIQ Developer Edition v1.1.0
	FWT1122TP	ZumLink / ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	ZumLink / ZumIQ Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
	SET0002CA	Setting, WC Custom Applications - no reset
	SET0000ZD	DevUser Password login - Enable
[MENU](#)	SET0001ZD	Devuser Password Login - Unique

Model SPECS	Options:	Description
ZIQ-IO-PE-FT	AOH0001HT	Kit, DIN Rail Bracket
902 - 928 MHz	ECD0324ER	Cable, Serial, 3' Serial Assembly, RJ-45 to DB9 Female
Enclosed	ECD0658EB	Cable, Ethernet, Cat 5E, Shielded, Blue
Data Port: Serial and Ethernet	EMD1280UW	800mA, Wall Mount Power Adapter, with barrel connector. Mates with **ASC0002ZL** for **Z9-PE**
Protocol: RS232 / RS485, TCP/IP	FWT1122TP	ZumLink / ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	ZumLink / ZumIQ Family Firmware Version 1.1.2.2 (default)
[MENU](#)	SET0000CA	Setting, WC Custom Applications - Enabled

Model SPECS	Options:	Description
Z9-T / Z9-C	FWT1040TA	Zumlink Radio Module Firmware v1.0.4.0
902 - 928 MHz	FWT1070TA	Z9-T/C 1.0.7.0 Firmware Release (default)
Board Level		
Data Port: TTL / RS232		
RF Connector: MMCX		
Protocol: TTL / RS232	MENU	

Model SPECS	Options:	Description
Z9-P / Z9-P2	AOH0001HT	Kit, DIN Rail Bracket
902 - 928 MHz	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin.
Board Level	ASC2402PT	Cable, power Assembly, 40" pigtail (default)
Data Port: Serial and Ethernet	ECD0324ER	3' Cable Assembly, RJ-45 to DB9 Female
RF Connector: SMA Female	ECD0658EB	6'5" Ethernet cable, Cat 5 Enhanced, Shielded, Blue
Protocol: RS232 / RS485, TCP/IP	FWT1004IE	Ignition Edge Jail
	FWT1030AU	IQ AutoSol eACM Software v1.0.3
	FWT1100TP	ZumLink / ZumIQ Developer Edition v1.1.0
	FWT1122TP	ZumLink / ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	ZumLink / ZumIQ Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
	SET0001CA	Setting, WC Custom Applications - Disabled (Default)
	SET0002CA	Enabled IQ License Key - No Reset
	SET0000ZD	DevUser Password login - Enable
	SET0001ZD	Devuser Password Login - Unique
	EAN0900SQ	Whip Stub Antenna 900 MHz 1/4 Wave 0 dBi with Straight SMA Male RF connector.
	EAN0900SR	Whip Stub Antenna 900 MHz Half Wave 2 dBi Right Angle-360 degree swivel with Straight SMA
	EAN0900WC	896-940 MHz 5.15 dBi open coil antenna.
	EAN0905WC	896-970 MHz 5 dBi trilinear elevated feed antenna.
	EAN0906YC	890-960 MHz 8.65 dBi 3 element Yagi directional antenna.
	EWP0401YR	1 Year Extended Warranty **(option for Z9-P2 only)**
MENU	EWP0402YR	2 Year Extended Warranty **(option for Z9-P2 only)**

Model SPECS	Options:	Description
Z9-PC / Z9-PC-SR001	ECD0658EB	6'5" Ethernet cable, Cat 5 Enhanced, Shielded, Blue **(option for Z9-PC-SR001 only)**
902 - 928 MHz	ECD0324ER	3' Cable Assembly, RJ-45 (ETH) to DB9 Female
Board Level	FWT1004IE	Ignition Edge Jail
Data Port: Serial and Ethernet	FWT1030AU	IQ AutoSol eACM Software v1.0.3
RF Connector: MMCX	FWT1100TP	ZumLink ZumIQ Developer Edition v1.1.0
Protocol: RS232 / RS485, TCP/IP	FWT1122TP	ZumLink ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	Z9-Pxx / ZIQ-Pxx Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
	SET0001CA	Setting, WC Custom Applications - Disabled
	SET0002CA	Enabled IQ License Key - No Reset
	SET0000ZD	DevUser Password login - Enable
MENU	SET0001ZD	Devuser Password Login - Unique

Model SPECS	Options:	Description
Z9-PE	AOH4003SP	Kit, DIN Rail Bracket, Reversible, ZumLink Z9-PE
902 - 928 MHz	ASC0002ZL	Cable Assembly, 12" power, 2-SKT Plug to Barrel Jack, Z9-PE
Enclosed	ASC0003ZL	Cable Assembly, 40" External Power Pigtail, Z9-PE (default)
Data Port: Serial and Ethernet	ECD0324ER	3' Cable Assembly, RJ-45 (ETH) to DB9 Female
RF Connector: TNC Female	ECD0658EB	6'5" Ethernet cable, Cat 5 Enhanced, Shielded, Blue
Protocol: RS232 / RS485, TCP/IP	EMD1280UW	800mA, Wall Mount Power Adapter, with barrel connector. Mates with **ASC0002ZL**
	FWT1004IE	Ignition Edge Jail
	FWT1030AU	IQ AutoSol eACM Software v1.0.3
	FWT1100TP	ZumLink ZumIQ Developer Edition v1.1.0
	FWT1122TP	ZumLink ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	Z9-Pxx / ZIQ-Pxx Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled

	SET0001CA	Setting, WC Custom Applications - Disabled
	SET0002CA	Enabled IQ License Key - No Reset
	SET0000ZD	DevUser Password login - Enable
	SET0001ZD	Devuser Password Login - Unique
	EAN0900SQ	Whip Stub Antenna 900 MHz 1/4 Wave 0 dBi with Straight SMA Male RF connector.
	EAN0900SR	Whip Stub Antenna 900 MHz Half Wave 2 dBi Right Angle-360 degree swivel with Straight SMA Male RF connector.
	EAN0900WC	896-940 MHz 5.15 dBi open coil antenna.
	EAN0905WC	896-970 MHz 5 dBi trilinear elevated feed antenna.
	EAN0906YC	890-960 MHz 8.65 dBi 3 element Yagi directional antenna.
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
Z9-PE2	AOH4003SP	Kit, DIN Rail Bracket, Reversible, ZumLink Z9-PE2
902 - 928 MHz	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin.
Enclosed	ASC2402PT	Cable, power Assembly, 40" pigtail (default)
Data Port: Serial and Ethernet	ECD0324ER	3' Cable Assembly, RJ-45 (ETH) to DB9 Female
RF Connector: TNC Female	ECD0658EB	6'5" Ethernet cable, Cat 5 Enhanced, Shielded, Blue
Protocol: RS232 / RS485, TCP/IP	FWT1004IE	Ignition Edge Jail
	FWT1030AU	IQ AutoSol eACM Software v1.0.3
	FWT1100TP	ZumLink ZumIQ Developer Edition v1.1.0
	FWT1122TP	ZumLink ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	Z9-Pxx / ZIQ-Pxx Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
	SET0001CA	Setting, WC Custom Applications - Disabled
	SET0002CA	Enabled IQ License Key - No Reset
	SET0000ZD	DevUser Password login - Enable
	SET0001ZD	Devuser Password Login - Unique
	EAN0900SQ	Whip Stub Antenna 900 MHz 1/4 Wave 0 dBi with Straight SMA Male RF connector.
	EAN0900SR	Whip Stub Antenna 900 MHz Half Wave 2 dBi Right Angle-360 degree swivel with Straight SMA Male RF connector.
	EAN0900WC	896-940 MHz 5.15 dBi open coil antenna.
	EAN0905WC	896-970 MHz 5 dBi trilinear elevated feed antenna.
	EAN0906YC	890-960 MHz 8.65 dBi 3 element Yagi directional antenna.
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
Z9-IO-PE	AOH4003SP	Kit, DIN Rail Bracket, Reversible, ZumLink Z9-PE2
902 - 928 MHz	ASC2402PT	Cable, power Assembly, 40" pigtail
Enclosed	ECD0324ER	3' Cable Assembly, RJ-45 (ETH) to DB9 Female
Data Port: Serial and Ethernet	ECD0658EB	6'5" Ethernet cable, Cat 5 Enhanced, Shielded, Blue
RF Connector: TNC Female	EMD1280UW	800mA, Wall Mount Power Adapter, with barrel connector. Mates with **ASC0002ZL**
Protocol: RS232 / RS485, TCP/IP	FWT1122TP	ZumLink ZumIQ Developer Edition v1.1.2.2 (default)
	FWT1122TB	Z9-Pxx / ZIQ-Pxx Family Firmware Version 1.1.2.2 (default)
	SET0000CA	Setting, WC Custom Applications - Enabled
MENU	SET0001CA	Setting, WC Custom Applications - Disabled

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Model SPECS	Options:	Description
FGR3-CE-U	ASC0409DC	Cable, Diagnostics Port and Programming.
902 - 928 MHz	MBRK-DIN-K	DIN Rail mounting bracket kit for Gannet style enclosures. (edge bracket)
Enclosed	AOB7001AA MBRK-DIN-N	Din Rail mount bracket assembly for the new enclosure.
Data Port: DB9	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin (default)
RF Connector: TNC Female	ECN0502TB	Power connector, locking 2-Pin Phoenix type. **Note:** Connector only. For designing a custom power harness.
Protocol: RS232 / RS485	ASC0032TF	3' LMR-240 Coaxial cable with N-Type Female RF connector and TNC Male connector.
	ASC0032TN	3' LMR-240 Coaxial cable with N-Type Male RF connector and TNC Male connector.
	ECD2409DM	6' DB9 Serial extender cable, straight through, Male to Female (Default)
	ECN1234TN	RF adapter, TNC Male to N-Type Female.
	FWF110011	FGR3 v11.00.11 Firmware Release (default)
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	SET0128AE	Setting, 128 AES Encryption Enabled
	SET0192AE	Setting, 192 AES Encryption Enabled
	SET0256AE	Setting, 256 AES Encryption Enabled
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
FGR3-C-U	ASC2009DC	Cable, Diagnostics Port and Programming
902 - 928 MHz	MBRK-DIN-K	DIN Rail mounting bracket kit for Board Level radios.
Board Level	PMB-ENCL	Protective mounting bracket for Board Level radios.
Data Port: 10-Pin Header	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
RF Connector: SMA Female	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Protocol: RS232 / RS485	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR, FGR2, & FGR3 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
	ASC3610FL	3' Data Interface cable, 10-Pin for FGR, FGR2, & FGR3 Series board level transceivers, w/flying leads
	EOP7510LP	Clear Light Pipe, Snap-On
	FWF110011	FGR3 v11.00.11 Firmware Release (default)
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	SET0128AE	Setting, 128 AES Encryption Enabled
	SET0192AE	Setting, 192 AES Encryption Enabled
MENU	SET0256AE	Setting, 256 AES Encryption Enabled

Model SPECS	Options:	Description
FGR3-T-U	ASC2009DC	Cable, Diagnostics Port and Programming
902 - 928 MHz	MBRK-DIN-K	DIN Rail mounting bracket kit for Board Level radios.
Board Level	PMB-ENCL	Protective mounting bracket for Board Level radios.
Data Port: 10-Pin Header	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
RF Connector: SMA Female	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Protocol: TTL	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR, FGR2, & FGR3 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
	ASC3610FL	3' Data Interface cable, 10-Pin for FGR, FGR2, & FGR3 Series board level transceivers, w/flying leads
	EOP7510LP	Clear Light Pipe, Snap-On
	FWF110011	FGR3 v11.00.11 Firmware Release (default)
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	SET0128AE	Setting, 128 AES Encryption Enabled
	SET0192AE	Setting, 192 AES Encryption Enabled
MENU	SET0256AE	Setting, 256 AES Encryption Enabled

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Model SPECS	Options:	Description
FGR2-CE-U (International)	ASC0409DC	Cable, Diagnostics Port and Programming.
902 - 928 MHz	AOB7001AA	DIN Rail mounting bracket kit for Gannet style enclosures.
	MBRK-DIN-N	
Enclosed	MHS-WMS	Mounting shoe for Gannet radios.
Data Port: DB9	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin. (Default)
RF Connector: TNC Female	ASC0032TF	3' LMR-240 Coaxial cable with N-Type Female RF connector and TNC Male connector.
Protocol: RS232 / RS485	ASC0032TN	3' LMR-240 Coaxial cable with N-Type Male RF connector and TNC Male connector.
	ECD2409DM	6' DB9 Serial extender cable, straight through, Male to Female (default)
	ECN1234TN	RF adapter, TNC Male to N-Type Female.
	FWF1074AA	Firmware, FGR2 (D2, MM2) Family, v10.7.04 (default)
	FWF0877AA	Firmware, FGR2 (D2, MM2) Family, v8.77
	FWF1067AA	Firmware, FGR2 (D2, MM2) Family, v10.6.7
	FWF1068AA	Firmware, FGR2 (D2, MM2) Family, v10.6.8
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	SET0128AE	Setting, 128 AES Encryption Enabled
	SET0192AE	Setting, 192 AES Encryption Enabled
	SET0256AE	Setting, 256 AES Encryption Enabled
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
FGR2-C-U (International)	ASC2009DC	Cable, Diagnostics Port and Programming.
902 - 928 MHz	MBRK-DIN-K	DIN Rail mounting bracket kit for Board Level radios.
Board Level	PMB-ENCL	Protective mounting bracket for Board Level radios.
Data Port: 10-Pin Header	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
RF Connector: Straight SMA Female	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Protocol: RS232 / RS485	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
	ASC3610FL	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/flying leads
	EOP7510LP	Clear Light Pipe, Snap-On
	FWF1074AA	Firmware, FGR2 (D2, MM2) Family, v10.7.04 (default)
	FWF0877AA	Firmware, FGR2 (D2, MM2) Family, v8.77
	FWF1067AA	Firmware, FGR2 (D2, MM2) Family, v10.6.7
	FWF1068AA	Firmware, FGR2 (D2, MM2) Family, v10.6.8
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	SET0128AE	Setting, 128 AES Encryption Enabled
	SET0192AE	Setting, 192 AES Encryption Enabled
MENU	SET0256AE	Setting, 256 AES Encryption Enabled

Model SPECS		Description
	ASC2009DC	Cable, Diagnostics Port and Programming.
FGR2-CP	EXF0224WL	Transformer 117/234vac Primary Dual 12v Secondarys 2 VA Wire leads Dual Bobbin
FGR2-CP-S		
902 - 928 MHz	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Board Level	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
Data Port: 10-Pin Header	ASC3610FL	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/flying leads
RF Connector: Straight SMA Female	FWF0876LCP	Firmware FGR2-CP v8.76LCP
Protocol: RS232 / RS485	EAN0900SR	Whip Stub Antenna 900 MHz Half Wave 2 dBi Right Angle-360 degree swivel with Straight SMA Male RF connector.
EOL July, 2020	MENU	

Model SPECS	Options:	Description
FGR2-P	AOH0001HT	Kit, DIN Rail Bracket

902 - 928 MHz	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin.
Board Level	EMD1230UX	AC Power Adapter 120VAC Input 12VDC Output 3A regulated with locking polarized 2-Pin. (Phoenix connector)
Data Ports: (4) Ports. Port 1 and 2: RJ-45 Serial; Port 3 and 4: RJ-45 Ethernet	ECN0502TB	Power connector, locking 2-Pin Phoenix type. **Note:** Connector only. For designing a custom power harness. (default)
RF Connector: SMA Female	ASC2402PT	2' Power Adapter pigtail Cable Assembly, 24 gauge, with front 2-Pin Phoenix connector.
Protocol: RS232 / RS485, TCP/IP	ECD0324ER	3' Cable, RJ-45 to DB9 Female (Default)
EOL July, 2020	ECD0324EC	3' Cable, **RJ45 to Open End,** Red
	ECD0658EB	6' 5" Ethernet Cable, Cat 5 Enhanced, Shielded, Blue (default)
	ECD2408ED	3' Cable, RJ-45 to DB9 Female, **Null Modem**
	FWF0222AA	Firmware, FGR2-P / PE-U, v2.22
MENU	FWF0314BA	Firmware FGR2-P / PE-U, v3.14 (default)

Model SPECS	Options:	Description
FGR2-PE **FGR2-PE-U**	AOB7001AA MBRK-DIN-N	Din Rail mount bracket assembly for the new enclosure.
902 - 928 MHz	MHS-WMS	Mounting shoe for Gannet radios.
Enclosed	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin (Default)
Data Ports: (4) Ports. Port 1 and 2: RJ-45 Serial; Port 3 and 4: RJ-45 Ethernet	EMD1250XP	Open ended power adapter (can be used as 24V plug).
RF Connector: TNC Female	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
Protocol: RS232 / RS485, TCP/IP	ECN0502TB	Power connector, locking 2-Pin Phoenix type. **Note:** Connector only. For designing a custom power harness.
EOL July, 2020	ASC0032TF	3' LMR-240 Coaxial cable with N-Type Female RF connector and TNC Male connector.
	ASC0032TN	3' LMR-240 Coaxial cable with N-Type Male RF connector and TNC Male connector.
	ASC2402PT	2' Power Adapter pigtail Cable Assembly, 24 gauge, with front 2-Pin Phoenix connector.
	ECD0324EC	3' Cable, **RJ45 to Open End,** Red
	ECD0324ER	3' Cable Assembly, RJ-45 to DB9 Female (default)
	ECD0658EB	6' 5" Ethernet Cable, Cat 5 Enhanced, Shielded, Blue (default)
	ECD2408ED	3' Cable, RJ-45 to DB9 Male, Null Modem
	ECN1234TN	RF Connector, adapter, TNC Male to N-Type Female.
	FWF0222AA	Firmware, FGR2-P / PE-U, v2.22
	FWF0314BA	Firmware FGR2-P / PE-U, v3.14 (default)
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
FGR2-T-U (International)	ASC2009DC	Cable, Diagnostics Port and Programming.
902 - 928 MHz	MBRK-DIN-K	DIN Rail mounting bracket kit for Board Level radios.
Board Level	PMB-ENCL	Protective mount bracket for Board Level radios.
Data Port: 10-Pin Header	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
RF Connector: Straight SMA Female	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
Protocol: TTL	ASC3610FL	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/flying leads
	EOP7510LP	Clear Light Pipe, Snap-On
	FWF1074AA	Firmware, FGR2 (D2, MM2) Family, v10.7.04 (default)
	FWF0877AA	Firmware, FGR2 (D2, MM2) Family, v8.77
	FWF1067AA	Firmware, FGR2 (D2, MM2) Family, v10.6.7
	FWF1068AA	Firmware, FGR2 (D2, MM2) Family, v10.6.8
	FWF1070AA	Firmware, FGR2 (D2, MM2) Family, v10.7
	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	SET0128AE	Setting, 128 AES Encryption Enabled
	SET0192AE	Setting, 192 AES Encryption Enabled
MENU	SET0256AE	Setting, 256 AES Encryption Enabled

Model SPECS	Options:	Description
FGR2-WC (International)	MBRK-DIN-K	DIN Rail mounting bracket kit
902 - 928 MHz	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
Enclosed Waterproof	ASC0613WW	Cable assembly, 6' Blue tinned leads and 11-pin fisher connector, for WP housing, no Power Supply Jack.
Port: Fischer 11-Pin	ASC0613PK	Cable assembly, 6' Blue 11-pin pisher connecter, for WP housing, with Power Supply Jack and DB9 connector. Allows convenient programming & diagnostics of waterproof transceivers.
RF Connector: N-Type Female	FWF1074AA	Firmware, FGR2 (D2, MM2) Family, v10.7.04 (default)
Protocol: RS232 / RS485	FWF1070AA	Firmware, FGR2 (D2, MM2) Family, v10.7

FWF1067AA	Firmware, FGR2 (D2, MM2) Family, v10.6.7	
FWF1068AA	Firmware, FGR2 (D2, MM2) Family, v10.6.8	
SET0001TD	Setting, TDMA Enabled	
SET0002TD	Setting, Super Epoch TDMA	
SET0128AE	Setting, 128 AES Encryption Enabled	
SET0192AE	Setting, 192 AES Encryption Enabled	
SET0256AE	Setting, 256 AES Encryption Enabled	
EWP0401YR	1 Year Extended Warranty	
EWP0402YR	2 Year Extended Warranty	

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Model SPECS	Options:	Description
FGRIO-M	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
902 - 928 MHz	ASC2009NM	NULL MODEM Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
Board Level	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Data Port: 10-Pin Header	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
RF Connector: SMA Female	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
Protocol: RS232 / RS485	EOP7510LP	Clear Light Pipe, Snap-On
	FWD0266ZA	Firmware, Dev, FGRIO-M, v2.66z
MENU	FWD0269AA	Firmware, Dev, FGRIO-M, v2.69 (default)

Model SPECS	Options:	Description
FGR2-IO-IOE	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
902 - 928 MHz	ASC2009NM	NULL MODEM Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
Enclosed	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
Data Port: 10-Pin Header	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.Mates with **EMD1280UW** Power Adapter
RF Connector: SMA Female	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Protocol: Modbus, RS232 / RS485	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
	FWZ0977AA	Firmware, FGR2 30VIO & FGR2 IOE, v9.77 (default)
	EAN0900SQ	Antenna, 900 MHz, Whip Stub, 1/4 Wave, **0 dBi**, with Straight **SMA Male** RF connector.
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
FGR2-IOS-CE-U	ASC0409DC	Cable, Diagnostics Port and Programming. DB-9 to mini 3-pin
902 - 928 MHz	AOB7001AA MBRK-DIN-N	DIN Rail mounting bracket kit for Gannet style enclosures. (edge bracket)
Enclosed	MHS-WMS	Mounting shoe for Gannet radios. (plate bracket)
Data Port: DB9	ECD2409DM	6' Serial cable, DB9, straight through, Male to Female.
RF Connector: TNC Female	FWZ0977AA	Firmware, FGR2 30VIO & FGR2 IOE, v9.77 (default)
Protocol: Modbus, RS232 / RS485	SET0001TD	Setting, TDMA Enabled
	SET0002TD	Setting, Super Epoch TDMA
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
FGR2-IOS-C-U	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
902 - 928 MHz	ASC2009NM	NULL MODEM Cable, Diagnostics and Programming 20-Pin Board Level connector to DB9
Board Level	MBRK-DIN-K	DIN Rail mounting bracket kit for Board Level radios.
Data Port: 10-Pin Header	PMB-ENCL	Protective mounting bracket for Board Level radios.
RF Connector: SMA Female	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Protocol: Modbus, RS232 / RS485	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
	EOP7510LP	Clear Light Pipe, Snap-On
MENU	FWZ0977AA	Firmware, FGR2 30VIO & FGR2 IOE, v9.77 (default)

FREEWAVE

Model SPECS	Options:	Description
IOE-4404	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin connector to DB9 (Board Level)
IO Expansion Serial Base	ASC2009NM	Diagnostics and Programming cable, **null-modem**, 20-Pin, Board Level connector to DB9
	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
	AWR3610SJ	**NULL MODEM**, data interface cable, 10-pin to 10-pin, to connect two serial devices with joined power supply lines and a power plug (2mm Barrel Connector). (Rainbow Cable + power)
	AWR3610SP	**NULL MODEM,** data interface cable, 10-pin to 10-pin, to connect two serial devices. (Rainbow Cable)
	ASC3610CP	3' NULL MODEM Data cable, 10-Pin, Board Level connector plus a power jack to DB9.
	ASC3610DJ	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, oriented away from board and DB9 connector plus a jack for power input.
	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, oriented away from board.
MENU	FWI0222AA	Firmware, I/O Expansion, v2.2.2 (default)

Model SPECS	Options:	Description
IOE-4422	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin connector to DB9 (Board Level)
IO Expansion Serial Base	ASC2009NM	Diagnostics and Programming cable, **null-modem**, 20-Pin, Board Level connector to DB9
	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
	AWR3610SJ	**NULL MODEM**, data interface cable, 10-pin to 10-pin, to connect two serial devices with joined power supply lines and a power plug (2mm Barrel Connector). (Rainbow Cable + power)
	AWR3610SP	**NULL MODEM,** data interface cable, 10-pin to 10-pin, to connect two serial devices. (Rainbow Cable)
	ASC3610CP	3' NULL MODEM Data cable, 10-Pin, Board Level connector plus a power jack to DB9.
	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, oriented away from board.
MENU	FWI0222AA	Firmware, I/O Expansion, v2.2.2 (default)

Model SPECS	Options:	Description
IOE-4440	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin connector to DB9 (Board Level)
IO Expansion Serial Base	ASC2009NM	Diagnostics and Programming cable, **null-modem**, 20-Pin, Board Level connector to DB9
	EMD1280UW	800mA, Wall Mount Power Adapter with barrel connector.
	AWR3610SJ	**NULL MODEM**, data interface cable, 10-pin to 10-pin, to connect two serial devices with joined power supply lines and a power plug (2mm Barrel Connector). (Rainbow Cable + power)
	AWR3610SP	**NULL MODEM,** data interface cable, 10-pin to 10-pin, to connect two serial devices. (Rainbow Cable)
	ASC3610CP	3' NULL MODEM Data cable, 10-Pin, Board, Level connector plus a power jack to DB9.
	ASC3610DJ	3' Data Interface cable, 10-Pin for FGR and FGR2 Series board level transceivers, w/DB9 connector and barrel jack for power. Mates with EMD1280UW Power Adapter
	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, oriented away from board.
MENU	FWI0222AA	Firmware, I/O Expansion, v2.2.2 (default)

FREEWAVE

Legend
- Diagnostic Cable
- DIN-Rail / Mount Plates and Shoes
- Power Supply and Connectors
- Cables and Adapters
- Light Pipe
- Firmware and Settings
- Extended Warranty

Model SPECS	Options:	Description
GX-C	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
2.4 - 2.483 GHz	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Board Level	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Data Ports: 10-Pin Header	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
RF Connector: SMA Female	FWI0877AA	Firmware, MM24, GX, I2, v8.77
Protocol: RS232	FWI0979AA	Firmware, GX / I2 Firmware v9.7.9
	FWG0983AA	Firmware GX / I2 Firmware v9.8.3 (Default)
	SET0001PL	Setting, GX Output Power limited to 20dB
	SET0001TD	Setting, TDMA Enabled
MENU	SET0256AE	Setting, 256 AES Encryption Enabled

Model SPECS	Options:	Description
GX-CE	ASC0409DC	Cable, Diagnostics Port and Programming. DB-9 to mini 3-pin
2.4 - 2.483 GHz	AOB7001AA MBRK-DIN-N	Din Rail mount bracket assembly for the new enclosure
Enclosed	MHS-WMS	Mounting shoe for Gannet radios
Data Port: DB9	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin (Default)
RF Connector: TNC Female	ECD2409DM	6' DB9 Serial extender cable, straight through, Male to Female (default)
Protocol: RS232 / RS485	FWG0900AE	Firmware, v9.0.0, GX/GXM AES
	FWI0979AA	Firmware, GX / I2 Firmware v9.7.9
	FWG0983AA	Firmware GX / I2 Firmware v9.8.3 (Default)
	SET0001PL	Setting, GX Output Power Limited to 20dB
	SET0256AE	Setting, 256 AES Encryption Enabled
	EWP0401YR	1 Year Extended Warranty
MENU	EWP0402YR	2 Year Extended Warranty

Model SPECS	Options:	Description
GX-T	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
2.4 GHz	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Board Level	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Data Port: 10-Pin Header	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
RF Connector: SMA Female	FWI0877AA	Firmware, MM24, GX, I2, v8.77
Protocol: Serial TTL	FWI0979AA	Firmware, GX / I2 Firmware v9.7.9
	FWG0983AA	Firmware GX / I2 Firmware v9.8.3 (Default)
	SET0001PL	Setting, GX Output Power Limited to 20dB
	SET0001TD	Setting, TDMA Enabled
MENU	SET1256AE	Setting, 256 AES Encryption Enabled

Model SPECS	Options:	Description
GXM-T14 **GXM-T14-SR300**	ASC2414DJ	Data Interface cable, **14-Pin** 2-row board Level connector to **DB-9**, plus power jack (2mm Barrel power connector), and setup switch.
2.4 GHz	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Board Level	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter

Data Port: 14-Pin Header	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
RF Connector: MMCX Female	FWG0878EA	Firmware GX/M v8.78 w/AES Encryption
Protocol: RS232 or TTL	FWG0900AE	Firmware GX/M v9.0.0 w/AES Encryption
	FWI0979AA	Firmware GX / I2 Firmware v9.7.9.
	FWG0983AA	Firmware GX / I2 Firmware v9.8.3 (Default)
	SET0001PL	Setting, GX Output Power Limited to 20dB
	SET0001TD	Setting, TDMA Enabled
MENU	SET0256AE	Setting, 256 AES Encryption Enabled

Model SPECS	Options:	Description
GXM-T24 **GXM-T24-SR100** **GXM-T24-SR101**	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
2.4 GHz	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Board Level	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
Data Port: 24-Pin Header	FWG0900AE	Firmware GX/M v9.0.0 w/AES Encryption
RF Connector: MMCX Female	FWI0979AA	Firmware GX / I2 Firmware v9.7.9.
Protocol: RS232 or TTL	FWG0983AA	Firmware GX / I2 Firmware v9.8.3 (Default)
	SET0001PL	Setting, GX Output Power Limited to 20dB
	SET0001TD	Setting, TDMA Enabled
	SET0128AE	Setting, 128 AES Encryption Enabled (default on **GXM-T24-SR100** Only)
MENU	SET0256AE	Setting, 256 AES Encryption Enabled (default on GXM-T24-SR101 Only)

Model SPECS	Options:	Description
GXM-MR-R **GXM-MR-T**	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
2.4 GHz	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Board Level	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Data Port: 10-Pin Header	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
RF Connector: MMCX Female	FWI0877AA	Firmware, MM24, GX, I2, v8.77
Protocol: RS232 or TTL	FWI0979AA	Firmware, GX / I2 Firmware v9.7.9
	FWI0983AA	Firmware GX / I2 Firmware v9.8.3 (Default)
	SET0001PL	Setting, GX Output Power Limited to 20dB
	SET0001TD	Setting, TDMA Enabled (default on **GSM-MR-R** only)
MENU	SET0256AE	Setting, 256 AES Encryption Enabled (Default)

FREEWAVE

Model SPECS	Options:	Description
I2-IOM-U	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
2.4 - 2.483 GHz	ASC2009NM	NULL MODEM Cable, Diagnostics and Programming 20-Pin Board Level connector to DB9
Board Level	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Port: 10-Pin Header	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
RF Connector: SMA Female	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
Protocol: Serial. RS232 / RS485	EOP7510LP	Clear Light Pipe, Snap-On
	FWI0870LA	Firmware, I2-IOM, v8.70L (default)
	SET0001TD	Setting, TDMA Enabled
MENU	SET0002TD	Setting, Super Epoch TDMA

Model SPECS	Options:	Description
I2-IOS-C-U	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
2.4 - 2.483 GHz	ASC2009NM	NULL MODEM Cable, Diagnostics and Programming 20-Pin Board Level connector to DB9
Board Level	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Port: 10-Pin Header	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
RF Connector: SMA Female	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
Protocol: Serial. RS232 / RS485	EOP7510LP	Clear Light Pipe, Snap-On
	FWI0978KA	Firmware, I2-IO, v9.78k
	FWI0981AA	Firmware, I2-IO, v9.81k (default)
	SET0001TD	Setting, TDMA Enabled
MENU	SET0002TD	Setting, Super Epoch TDMA

Model SPECS	Options:	Description
I2-IOS-C-U-SR010	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
2.4 - 2.483 GHz	ASC2009NM	NULL MODEM Cable, Diagnostics and Programming 20-Pin Board Level connector to DB9
Board Level	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Port: 10-Pin Header	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
RF Connector: Right Angle SMA Female	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
Protocol: Serial. RS232 / RS485	EOP7510LP	Clear Light Pipe, Snap-On
	SET0001TD	Setting, TDMA Enabled
MENU	SET0002TD	Setting, Super Epoch TDMA

Legend	
Diagnostic Cable	
DIN-Rail / Mount Plates and Shoes	
Power Supply and Connectors	
Cables and Adapters	
Light Pipe	
Firmware and Settings	
Extended Warranty	

Model SPECS	Options:	Description
LRS140-CE	ASC0409DC	Cable, Diagnostics Port and Programming. DB-9 to mini 3-pin
1.427 - 1.432 GHz	AOB7001AA MBRK-DIN-N	Din Rail mount bracket assembly for the new enclosure.
Enclosed	MHS-WMS	Mounting shoe for Gannet radios.
Data Port: DB9 Female	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin. (Default)
RF Connector: N-Type Female	ASC0032TF	3' LMR-240 Coaxial cable with N-Type Female RF connector and TNC Male connector.
Protocol: Serial. RS232 / RS485	ASC0032TN	3' LMR-240 Coaxial cable with N-Type Male RF connector and TNC Male connector.
EOL Aug, 2020	ECD2409DM	6' DB9 serial cable, straight through, Male to Female (default)
	ECN1234TN	RF adapter, TNC Male to N-Type Female.
	FWL0936CA	Firmware, 1.4GHz, 9.36c (default)
MENU	SET0001TD	Setting, TDMA Enabled

Model SPECS	Options:	Description
LRS140-CSU	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
1.427 - 1.432 GHz	MBRK-DIN-K	Mnt Bracket Assy Din Rail
Board Level	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
Data Port: Straight 10-Pin Header	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
RF Connector: SMA Female	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
Protocol: Serial RS232 / RS485	ASC0032TF	3' LMR-240 Coaxial cable with N-Type Female RF connector and TNC Male connector.
EOL Aug, 2020	ASC0032TN	3' LMR-240 Coaxial cable with N-Type Male RF connector and TNC Male connector.
	ECD2409DM	6' DB9 serial cable, straight through, Male to Female.
	EOP7510LP	Clear Light Pipe, Snap-On
MENU	FWL0936CA	Firmware, 1.4GHz, 9.36c (default)

Model SPECS	Options:	Description
LRS455-CE-U	ASC0409DC	Cable, Diagnostics Port and Programming. DB-9 to mini 3-pin
435 - 470 MHz	AOB7001AA MBRK-DIN-N	Din Rail mount bracket assembly for the new enclosure.
Enclosed	MHS-WMS	Mounting shoe for Gannet radios.
Data Port: DB9 Female	EMD1280AX	800mA, power supply works for all radios with Phoenix connector; locking polarized 2-Pin. (Default)
RF Connector: TNC Female	EMD1230UX	AC Power Adapter 120VAC Input 12VDC Output 3A regulated with locking polarized 2-Pin. (Phoenix connector)
Protocol: Serial RS232 / RS485	ASC0032TF	3' LMR-240 Coaxial cable with N-Type Female RF connector and TNC Male connector.
	ASC0032TN	3' LMR-240 Coaxial cable with N-Type Male RF connector and TNC Male connector.
	ASC2402PT	Cable, power Assembly, 40" pigtail
	ECD2409DM	6' DB9 serial cable, straight through, Male to Female. (Default)
	ECN1234TN	RF adapter, TNC Male to N-Type Female.
	FWF0174AA	Firmware, 455 MHz, v1.74
	FWF0179AA	Firmware, 455 MHz, v1.79 (default)
	SET0001TD	Setting, TDMA Enabled
MENU	SET0002TD	Setting, Super Epoch TDMA

Model SPECS	Options:	Description
LRS455-C-U	ASC2009NM	Diagnostics and Programming cable, null-modem, 20-Pin, Board Level connector to DB9
435 - 470 MHz	ASC2009DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
Board Level	EMD1230FP	AC Power Adapter, 120VAC Input, 12VDC Output, 3A, regulated. Raw tinned calbe ends.
Data Port: Straight 10-Pin Header	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
RF Connector: SMA Female	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Protocol: Serial RS232 / RS485	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
	EOP7510LP	Clear Light Pipe, Snap-On
	FWF0174AA	Firmware, 455 MHz, v1.74
MENU	FWF0179AA	Firmware, 455 MHz, v1.79 (default)

Model SPECS	Options:	Description
LRS455-T-U	ASC2009NM	Diagnostics and Programming cable, null-modem, 20-Pin, Board Level connector to DB9
435 - 470 MHz	ASC0409DC	Cable, Diagnostics and Programming, 20-Pin Board Level connector to DB9
Board Level	EMD1230FP	AC Power Adapter, 120VAC Input, 12VDC Output, 3A, regulated.
Data Port: Straight 10-Pin Header	ASC3610CP	3' NULL MODEM Data cable, 10-Pin Board Level connector to DB9, plus a power jack.
RF Connector: SMA Female	ASC3610DJ	3' Data Interface cable, 10-Pin board level connector to DB9, plus barrel jack for power and setup switch. Mates with **EMD1280UW** Power Adapter
Protocol: Serial TTL	ASC3610FL	3' Data Interface cable, 10-Pin for FGRO Series Board Level transceivers, with raw tinned leads.
	EOP7510LP	Clear Light Pipe, Snap-On
	FWF0174AA	Firmware, 455 MHz, v1.74
[MENU](#)	FWF0179AA	Firmware, 455 MHz, v1.79 (default)

Model SPECS	Options:	Description
WC20i-485	ASM0001SF	Replacement battery for **WC20i** Endpoints & WC15i Multi-Input, UL-C1D1.
WC20i-485-2DI	WC-BAT-3D-IS	Replacement battery for WC20i Modular Endpoint
WC20i-AN	WC20i-Solar	Solar Panel kit with bracket, charger, and High Capacity battery pack (Included when purchasing "-Solar" models)
WC20i-DI	WC-USB-4PIN	WAVECONTACT USB to Serial Interface Cable, 4-pin Endpoint.
WC20i-HART		
WC20i-KTh		
WC20i-RTD		
902 - 928 MHz		
Enclosed		
Data Port: DB9 Female		
RF Connector: N-Type Female		
Protocol: Serial. RS232 / RS485	MENU	

Model SPECS	Options:	Description
WC20i-485-S	ASM0004SF	Mounting Kit for WC20i Solar Kit - Yokogawa EJA Series.
WC20i-485-2DI-S	ASM0005SF	Mounting Kit for WC20i Solar Kit - Rosemount 5300.
WC20i-AN-S	ASM0007SF	Mounting Kit for WC20i Solar Kit - Vega Single Chamber Radar.
WC20i-DI-S	WC-BAT-3D-IS	Replacement battery for WC20i Modular Endpoint
WC20i-HART-S	WC20i-Solar	Solar Panel kit with bracket, charger, and High Capacity battery pack (Included when purchasing "-Solar" models)
WC20i-KTh-S	ASC0001SF	Solar Kit Extension Cable.
WC20i-RTD-S	WC-USB-4PIN	WAVECONTACT USB to Serial Interface Cable, 4-pin Endpoint.
902 - 928 MHz		
Enclosed		
Data Port: DB9 Female		
RF Connector: N-Type Female		
Protocol: Serial. RS232 / RS485	MENU	

Model SPECS	Options:	Description
WC25i-WL-PM	WC-USB-DB9	USB to Serial Interface Cable DB9
WC25i-WL-W		
902 - 928 MHz	ASM0008SF	Whip Antenna suitable for use in fiberglass / plastic enclosures with direct mount to DIN mounted card.
Enclosed	ASM0009SF	Panel Mount Antenna, for mount outside of an enclosure.
Data Port: DB9 Female		
RF Connector: N-Type Female		
Protocol: Serial. RS232 / RS485	MENU	

Model SPECS	Options:	Description
WC30i-PSI-1	ASM0002SF	WC30i Wireless Sensor replacement battery.
WC30i-PSI-20	ASC0003SF	WAVECONTACT USB to Serial Interface Cable, 4-pin Endpoint.
WC30i-PSI-100		
WC30i-PSI-500		
WC30i-PSI-1k		
WC30i-PSI-3k		
WC30i-PSI-5k		
WC30i-PSI-10k		
902 - 928 MHz		
Enclosed		
Data Port: DB9 Female		
RF Connector: N-Type Female		

Protocol: Serial. RS232 / RS485

Model SPECS	Options:	Description
WC40i-AN	ASC0002SF	WAVECONTACT USB to Serial Interface Cable DB9
WC40i-MB	ASM0008SF	Whip Antenna suitable for use in fiberglass / plastic enclosures with direct mount to DIN mounted card.
WC40i-COUNT	ASM0009SF	Panel Mount Antenna, for mount outside of an enclosure.
WC40i-RSD		
WC40i-BB		
902 - 928 MHz		
Enclosed		
Data Port: DB9 Female		
RF Connector: N-Type Female		
Protocol: Serial. RS232 / RS485	MENU	

Model SPECS	Options:	Description
WC45i-GW **WC45i-GW-DIN**	ASC0002SF	WAVECONTACT USB to Serial Interface Cable DB9
902 - 928 MHz	ASM0008SF	Whip Antenna suitable for use in fiberglass / plastic enclosures with direct mount to DIN mounted card.
Enclosed	ASM0009SF	Panel Mount Antenna, for mount outside of an enclosure.
Data Port: DB9 Female		
RF Connector: N-Type Female		
Protocol: Serial. RS232 / RS485	MENU	