



PACIFIC CREST

Communications Products Parts List



Notice

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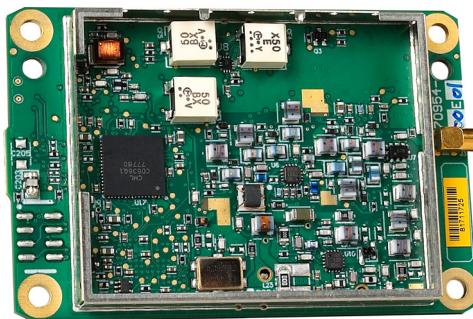
OEM Radio Modules

OEM Radio Modules

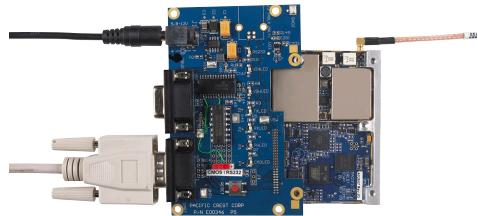
Transceiver Modules

Name	Frequency Range	Interface	Data	Antenna	P/N
XDL Micro (2 Watts)	403-473 MHz	CMOS	30-pin AVX	Rt Angle MMCX	70888-10
XDL Micro, (2 W) RT conn	403-473 MHz	CMOS	30-pin AVX	Rt Angle MMCX	70888-30
XDL Micro Developer Kit	403-473 MHz	CMOS	30-pin AVX	Rt Angle MMCX	70888-88

XDL Micro



XDL Micro Developer's Kit



	Frequency Range	Interface	Data	Antenna	P/N
XDL Micro	403-473 MHz	CMOS	30-pin AVX	Rt Angle MMCX	70888-88

XDL Mirco Developer Kit Contains:

Radio Module (430-470MHz)	70888-11
Test and Demo Board	80608-00-C
Set of mating connectors	58854-10
Power Supply	85088-00
Power Plug	85088-10
Universal power plug adapter set	C02316
DB9 Male to DB9 Female Modem Cable	C02592
Flexible ¼ Wavelength Antennas (2)	
420-450 MHz, 2.4 dB Gain	C02107
450-470 MHz, 2.4 dB Gain	C02108
MMCX-TNC Antenna Cable	90153-00

Set of mating connectors

XDL Micro	58854-10
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ADL Vantage Radios

ADL Vantage Radios

ADL Vantage Radio 390-430 MHz..... K01110
(includes tripod clip)

ADL Vantage Radio 430-470 MHz..... K01111
(includes tripod clip)



ADL Vantage Programming Cable

Serial Programming Cable..... 83486
USB Programming Cable..... 81993-02

ADL Vantage Accessory Kits

Field Accessory Kit for 2-4 Watt Radios K01114

Battery, bag, tripod clip + connector wire	A02263
9' SAE-to-SAE cable	A01508
Charger, 12V, 3A	A01947
Charger power cord and plug adaptors	A02590
Battery manual	M00166
Charger manual	M00168
TNC-to-NMO antenna cable 2.7 m / 9 ft	86917
Radio/cable carrying case with strap	F01001



Battery and Charger for 2-4 Watt Radios K01107

Battery, bag, tripod clip + connector wire	A02263
9' SAE-to-SAE cable	A01508
Charger, 12V, 3A	A01947
Charger power cord and plug adaptors	A02590
Battery manual	M00166
Charger manual	M00168



Charger Only for 2-4 Watt Radios A00921

Charger, 12V, 3A,	A01947
Charger Power Cord and plug adaptors	A02590
Battery manual	M00166
Charger manual	M00168



ADL Vantage Fixed Installation Accessory Kit	82219-10
Desktop Power Supply for 4W Radio	A00905
Charger power cord and plug adaptors.....	A02590
Serial programming cable	83486
TNC to N-M antenna cable (9')	A02741
Surge Protector	C02621
N-M to N-M antenna cable (100')	A02058-100
N-Type antenna mast mount	84783
Water seal tape	C02167
ADL Vantage Desktop Power Supply	K01106
Power supply (TNL 62546)	A00905
Charger power cord and plug adaptors.....	A02590
ADL Vantage Internal Vehicle Mount	86059-00
Vehicle Mount	86059-10/20/30/40/50
Vehicle Mount manual	87428-00
ADL Vantage External Vehicle Mount.....	86059-01
Vehicle Mount	86059-10/20/30/40/50
Vehicle Mount manual	87428-00
Vibration isolation studs (4x).....	87224
Caterpillar cab adapter plate.....	86059-70
ADL Vantage Magnetic Vehicle Mount	86059-02
Vehicle Mount	86059-10/20/30/40/50
Vehicle Mount manual	87428-00
Magnet mount (2x)	87219
ADL Vantage Office Accessory Kit	K01113
Power supply	A00905
Wall plug with adaptor set	A02067
Serial programming cable.....	83486

ADL Vantage 35 Radio & Accessories

ADL Vantage 35 Radios

ADL Vantage 35 Radio 390-430 MHz	75451-39
ADL Vantage 35 Radio 430-473 MHz	75451-43



ADL Vantage 35/Pro Programming Cable

Serial Programming Cable	83486
USB Programming Cable.....	81993-02

ADL Vantage 35/Pro Accessory Kits

ADL Vantage 35/Pro Field Accessory Kit with Tripod

ADL Vantage 35/Pro transport case	81806
Battery for 35W radio	A00399
Battery charger for 35W radio	C01790
Charger power cord + plug adaptors	A02590
9' SAE-to-SAE battery cable	A01508
NMO-to-TNC antenna cable 2.7 m / 9 ft	86917
Tripod with telescoping antenna mast	A00978
Battery tips card	M00736
Charger manual	M00586



ADL Vantage 35/Pro Field Accessory Kit

ADL Vantage 35/Pro transport case	81806
50 cm antenna poles (2).....	82177
Battery for 35W radio.....	A00399
Battery charger for 35W radio.....	C01790
Charger power cord and plug adaptors.....	A02590
9' SAE-to-SAE battery cable	A01508
NMO-to-TNC adaptor cable 2.7 m / 9 ft	86917
Tribrach adapter plate	F00590
Tripod side mount bracket	A01295
Manual download guide	84101
Battery tips card	M00736
Charger manual	M00586



ADL Vantage 35/Pro Field Accessory Kit (no battery)..... 82218-02

ADL Vantage 35/Pro transport case	81806
50 cm antenna poles (2).....	82177
Battery charger for 35W radio.....	C01790
Charger power cord and plug adaptors.....	A02590
9' SAE-to-SAE battery cable	A01508
NMO-to-TNC adaptor cable 2.7 m / 9 ft	86917
Tribrach adapter plate	F00590
Tripod side mount bracket	A01295
Manual download guide	84101
Battery tips card	M00736
Charger manual	M00586

**ADL Vantage 35/ Pro Battery and Charger 81818**

Battery Kit for 35W Radio	A00399
9' SAE-to-SAE cable	A01508
Battery Charger for 35W Radio	C01790
Charger power cord and plug adaptors	A02590
Battery tips card	M00736
Charger manual	M00586

**ADL Vantage 35/Pro Charger Only A01509**

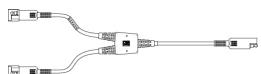
Battery Charger for 35W Radio	C01790
Charger Power Cord and plug adaptors	A02590
Battery tips card	M00736
Charger manual	M00586

**ADL Vantage 35/Pro Fixed Installation Accessory Kit 82219-00**

Desktop Power Supply for 35W Radio	C03168
Charger power cord and plug adaptors.....	A02590
Serial programming cable	83486
ADLP fan mount with wall bracket	82218-16
TNC to N-M antenna cable (9')	A02741
Surge Protector	C02621
N-M to N-M antenna cable (100')	A02058-100
N-Type antenna mast mount	84783
Water seal tape	C02167

**ADL Vantage 35/Pro Desktop Power Supply 82024**

Desktop Power Supply for 35W Radio	C03168
Charger power cord and plug adaptors.....	A02590

**ADL Vantage 35/Pro Battery Bag and Cables..... A00644****ADL Vantage 35/Pro Handle 83412-00****SAE Splitter Cable 84799**

XDL Rover 2

XDL Rover 2



XDL Rover 2 Radio Kit.....	86759-41
XDL Rover 2 Radio.....	86759-11
XDL Rover 2 Battery Charger Kit.....	86987-01
XDL Rover 2 Serial Charging & Programming Cable.....	100948-00

XDL Rover 2 Radio Only	86759-11
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XDL Rover Accessories

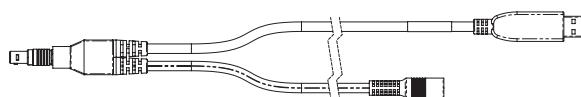
XDL Rover 2 Battery Charger Kit.....	86987-01
XDL Rover 2 Charging & Serial Programming Cable.....	100948-00
XDL Rover 2 Charging and USB Programming Cable.....	81994-02
XDL Rover 2 Range Pole Mount.....	88741-00
XDL Rover LEMO to DC Adaptor Cable.....	86987-10
Data cable to Trimble 4700-5800/R-series, 0.7 m.....	A00997



Leica..... A00998



XDL Rover 2 USB Charging & Programming Cable..... 81994-02



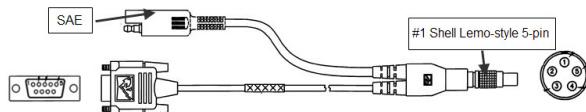
Note:

To connect XDL Rover to a Trimble GeoXH, use the XDL Rover 2 Charging & Programming cable (P/N 100948-00) and a GeoXH USB-serial converter.

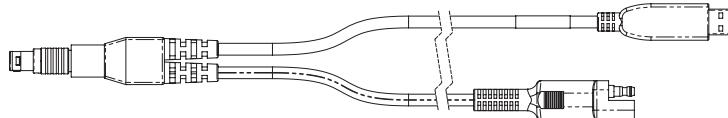
ADL Cables

Programming Cables

Vantage/Vantage 35/Pro - DE9 Serial (2.0 m / 6.6 ft)..... 83486

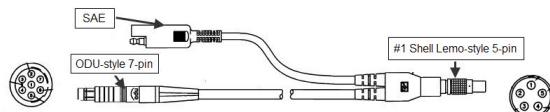


ADL USB Programming Cable (2.0 m / 6.6 ft)..... 81993-02

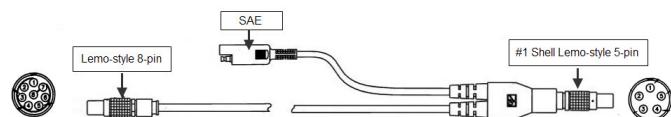


ADL Vantage / ADL Vantage 35/Pro Data/Power Cables

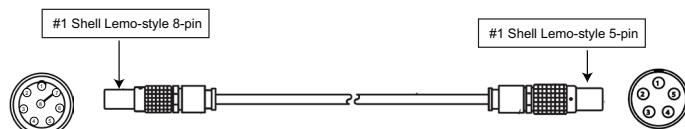
Ashtech, Spectra, Javad & Topcon (2.0 m / 6.6 ft)..... A00630



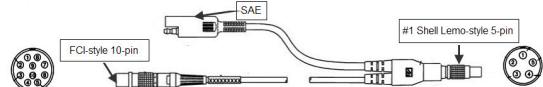
Leica System 1200 (2.0 m / 6.6 ft)..... A00454



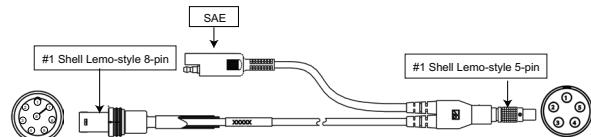
Leica Rover with Power* (2.0 m / 6.6 ft)..... A02758
(Note: Not for use with PDL HPB)



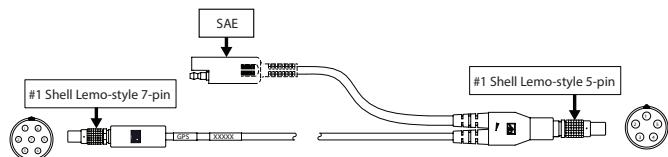
Sokkia (2.0 m / 6.6 ft)..... A00456



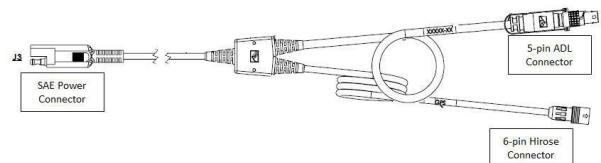
Sokkia GRX1 and GRX2 (2.3 m / 7.5 ft)..... A02764



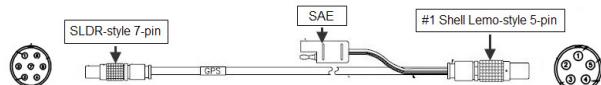
Spectra Precision Epoch 35* & 50* (3.0 m / 10.0 ft)..... 90945-00



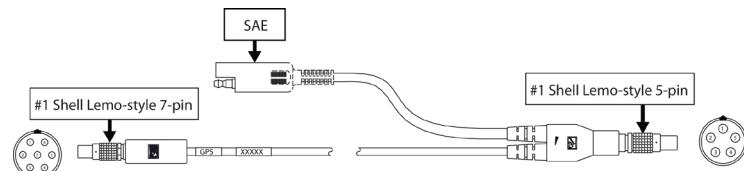
Spectra Precision Pro Mark 700..... 103433-01



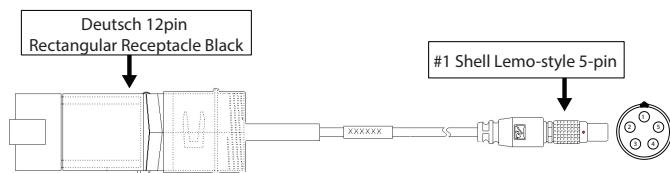
TNL 4700-5800, R6, R8 (3.0 m / 10.0 ft)..... A00924



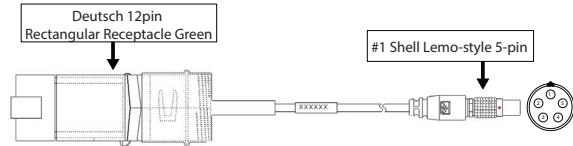
TNL 4700-5800, R6, R8 with power* (3.0 m / 10.0 ft)..... 90945-00



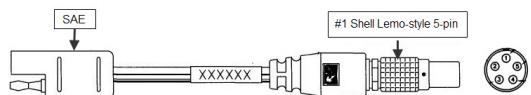
Trimble GCS Black (5m / 16.5 ft)..... 82465-10



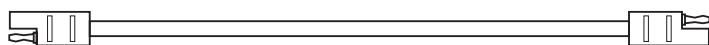
Trimble GCS Green (5m / 16.5 ft)..... 82465-20



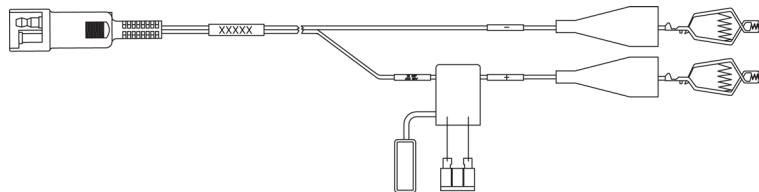
Repeater Power Cable (0.2 / 0.6 in)..... A00854



Power Cable Extension (2.7 m / 9 ft)..... A01508



SAE-to-Crocodile Clips (1.8 m / 6 ft)..... A02529

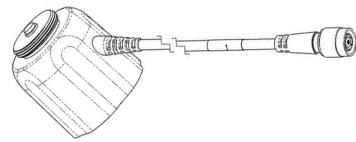


* Note: Cables supply power from a connected external battery to both the radio and the GPS unit.
All other cables only supply power to the radio, not to the GPS.

ADL Antenna Cables

TNC to NMO..... 2.7 m / 9 ft..... 86917
7.6 m / 25 ft..... 86917-25

BNC to NMO (for HPB)..... 5 m / 16 ft..... 90963-15



Note: In order to connect an ADL Radio to an NMO antenna, you must use a TNC-to-NMO cable.

TNC to N-Male (for N-Female antennas).....2.7 m / 9 ft..... A02741

30.5 m / 100 ft A02769

TNC to N-Female (for N-Male antennas).....2.7 m / 9 ft..... A02740

0.6 m / 2 ft..... A02740-02

N-Male to N-Male.....3.0 m / 10 ft A02056

7.6 m / 25 ft A02057

15.2 m / 50 ft A02058

22.9 m / 75 ft A02058-75

30.5 m / 100 ft A02058-100

ADL Antennas

Mobile Installations

Elevated Feed Antennas, Unity Gain, NMO connector, 18"/45.7cm



410-430 MHz, Unity Gain	C02550
430-450 MHz, Unity Gain	C02548
450-470 MHz, Unity Gain	C02549

Elevated Feed Antennas, 5 dB Gain, NMO connector, 38"/96.5cm



410-430 MHz, 5 dB Gain	C02560
430-450 MHz, 5 dB Gain	C02551
450-470 MHz, 5 dB Gain	C02552

High-Gain Antenna Kit - 410-430 MHz

410-430 MHz, 5 dB gain antenna	C02560
Antenna transport quiver	81813

High-Gain Antenna Kit - 430-450 MHz

430-450 MHz, 5 dB gain antenna	C02551
Antenna transport quiver	81813

High-Gain Antenna Kit - 450-470 MHz

450-470 MHz, 5 dB gain antenna	C02552
Antenna transport quiver	81813

Elevated Feed Antenna Cables (TNC to NMO)

2.7 m / 9 ft	86917
8 m / 25 ft	86917-25

1/4-Wavelength TNC-M Duck Antennas



400-420 MHz, 2.4 dB Gain.....	C02106
420-450 MHz, 2.4 dB Gain.....	C02107
450-470 MHz, 2.4 dB Gain.....	C02108

Fixed Installations

N-Type Female Omni-Directional



410-430 MHz, Unity Gain	C02089
430-450 MHz, Unity Gain	C02088
450-470 MHz, Unity Gain	C02086
410-420 MHz, 3 dB Gain	82281
420-430 MHz, 3 dB Gain	82282
430-450 MHz, 3 dB Gain	C03179
450-460 MHz, 3 dB Gain	82283
460-470 MHz, 3 dB Gain	82284

Fixed Installation Antenna Cables (N-Type)

TNC to N-Male	2.8 m / 9 ft	A02741
	30 m / 100 ft	A02769
TNC to N-Female	2.7 m / 9 ft	A02740
	0.6 m / 2 ft	A02740-02
 N-Male to N-Male	3.0 m / 10 ft	A02056
	7.6 m / 25 ft	A02057
	15.2 m / 50 ft	A02058
	22.9 m / 75 ft	A02058-75
	30.5 m / 100 ft	A02058-100

Antenna Connector Adapters

TNC-Male to N-Female	81971
N-Female to N-Female	81972
BNC-Male to TNC-Female	83666
Adapter Cable (TNC to N-F)	A02740-02
NMO to N-Female Adaptor.....	T00140

Antenna Accessories

Telescoping Antenna Tripod	A00978
Antenna Tripod Side Mount Bracket	87024-00
Antenna Tripod Mounting Bracket	A01295
N-Type Antenna Mast Mount	84783
50-cm Antenna Poles (2)	82177
Tribrach Adapter Plate	F00590
Surge Protector (N-Female to N-Female)	C02621
Water Seal Tape, 3/4 in. (1.9 cm) W, 30 ft (9.1 m) L	C02167

ADL Accessories

Batteries

12V, 12AHr Battery for 2-4W radios	A02263
12V, 35AHr Battery for 35W radios	A00399
6-foot SAE to Battery Terminal Cable	A00393
ADL Vantage Pro Battery Bag and Cables	A00644



Chargers

Battery Charger/Plug Adapter Set for 2-4W Radios	A00921
Battery Charger/Plug Adapter Set for 35W Radios	A01509



Desktop Power Supplies

ADL Vantage ADL Sentry Desktop Power Supply	A00905
ADL Vantage 35/Pro Desktop Power Supply	C03168
Charger power cord and plug adaptors.....	A02067 *

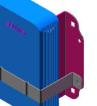
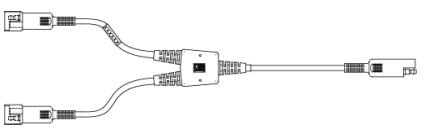


Mounting Accessories

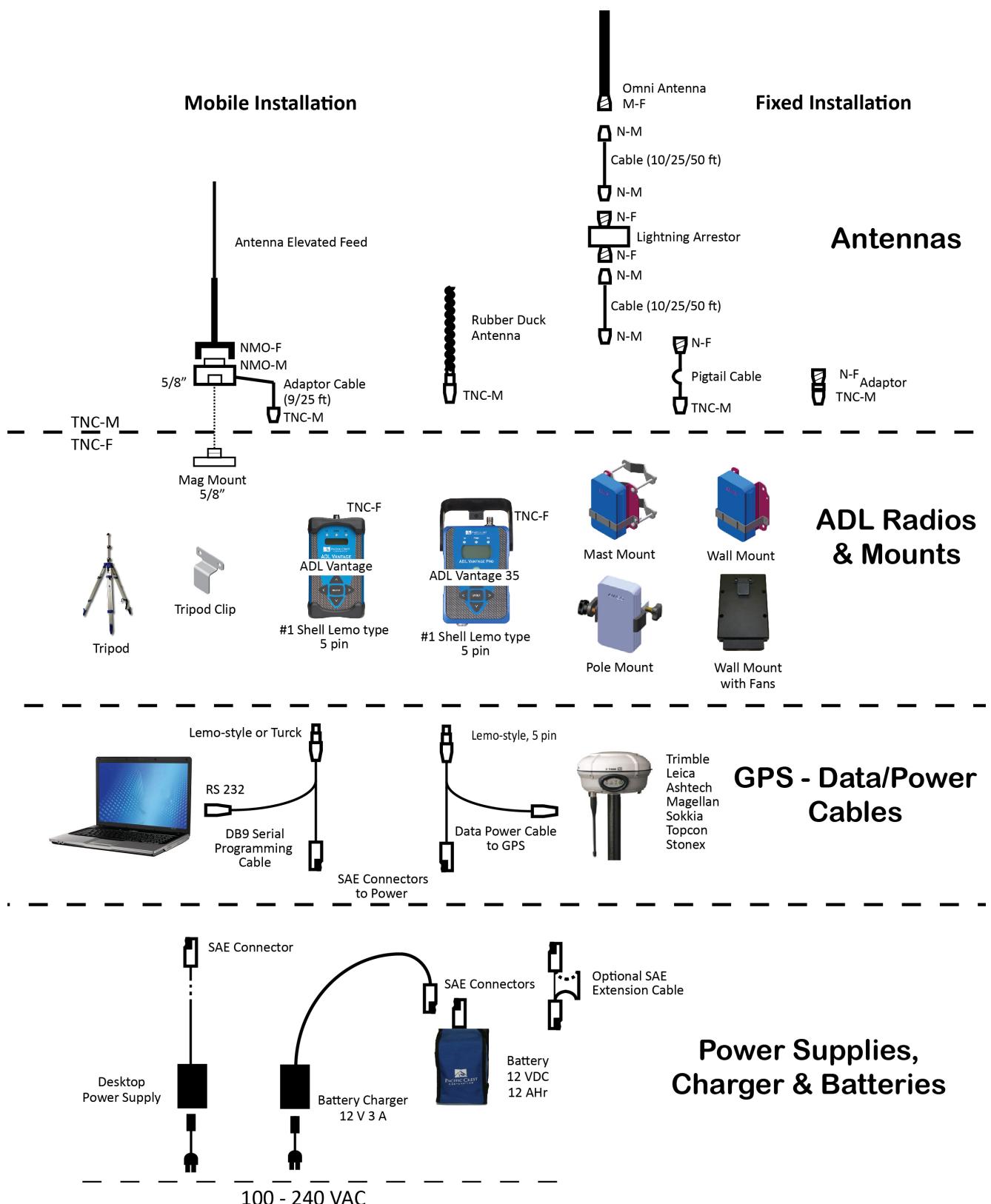
ADL Vantage Range Pole Mounting Kit	F01002
Antenna Tripod Side Mount Kit	87024-00
Telescoping Antenna Tripod Kit	A00978
ADL Vantage Tripod Clip	A02714
Antenna Tripod Mounting Bracket	A01295
Tribach Adapter Plate	F00590



*The A02067 is an A02590 labeled for individual sale

	N-Type Antenna Mast Mount	84783	
	Magnetic Whip Antenna mount (NMO-TNC),(3.7 m x 12 ft.	K00696	
	50 cm Antenna Poles (2)	82177	
	ADL Vantage Wall Mounting Kit	K01134	
	ADL Vantage Mast Mounting Kit	K01135	
	Surge Protector (N-Type/F to N-Type/F)	C02621	
	Water Seal Tape, 3/4 in. (1.9 cm) W	C02167	
	ADL Vantage 35/Pro Fan Mount	82218-15	
	ADL Vantage 35/Pro Fan Mount with Wall Bracket.....	82218-16	
	ADL Vantage 35/Pro Handle.	83412-00	
	SAE Splitter Cable	84799	
Carrying Cases			
	ADL Vantage Radio carrying case	F01001	
	Antenna Transport Quiver	81813	
	ADL Vantage 35/Pro Transport Case	81806	
	ADL Vantage 35/Pro Hard Shell Case	81806-10	
	ADL Vantage 35/Pro Battery Bag.....	F00183	

ADL Configuration Options



Extended Warranty

Extended Warranty

Extended warranties are available with every new Pacific Crest radio purchase. In addition to the standard one-year warranty on all Pacific Crest radios, customers may now purchase up to three, one-year warranty extensions to prolong Pacific Crest radio warranty to two, three, or four years.

What does this mean for you?

- Additional revenue opportunities
- Customer satisfaction
- More customer options

Note: Accessories are not included in this offer.

How Can Customers Purchase an Extended Warranty?

1. Extended warranties may be purchased on any Pacific Crest radio.
2. An extended warranty may be selected along with a new radio purchase or within one year from date of sale. Use part number 87985 to extend a new radio warranty for one additional year. Customers may purchase up to three 87985 extended warranties within one year of a new radio purchase for a total of three additional years of warranty coverage.
3. Extended warranties purchased during the first year of operation, MUST include the serial number of the radio in order for the warranty to be valid.
4. Authorized resellers facilitating the purchase of an extended warranty must provide a purchase order for 87985 and quantity required (limit of three) along with a copy of the radio sales invoice and the radio serial number.

Purchase Order Information

1-year extended warranty: P/N 87985

Must include radio serial number for existing radios

Quantity Limit: 3

Authorized Reseller Price: \$170*

MSRP: \$200

**Note: Only Pacific Crest authorized resellers eligible for discounted price. 15% fixed discount applied.*

ADL Radio Purchase Checklist

The typical set up comprises 4 items. The following guide shows the PNs to order for each radio.

Radio	Vantage	Vantage 35/ Pro	XDL Rover 2
390-430 MHz Radio	K01110	75451-39	86759-11
430-470 MHz Radio	K01111	75451-43	
Programming Cable			
USB Programming cable	81993-02	81993-02	81994-02
Serial Programming cable	83486	83486	100948-00
Power System			
Field Accessory Kit	K01114	82218-01	86759-41*
Battery/Charger Only	K01107	81818	86987-01
Fixed Installation Kit	82219-10	82219-00	n/a
Desktop Power Supply Only	K01106	82024	n/a
			*includes radio
GNSS Data Cables			
Ashtech Z Series & Topcon	A00630		n/a
Hemisphere R-series	*		n/a
Leica System 1200/1500	A00454		n/a
Leica, (power from GNSS to radio)	A02758		A00998
Sokkia GRX1	A02764		n/a
Spectra Precision Epoch 35/50	90945-00		n/a
TNL 47-5800, R6, R8 w/o pwr	A00924		A00997
TNL 47-5800, R6, R8 w/ pwr	90945-00		n/a
Trimble SN900	82465-10		n/a
Trimble MS980	82465-20		n/a
Antenna (e.g. C02549)	See Antennas Section		
Antenna Cable (e.g. 86917)	See Cables Section		

How To Purchase

Purchase Order Requirements

- Billing Address
- Shipping Address
- Contact Person
- Phone
- Fax
- Freight Method and Account Number
- Payment Method
- Product Information (part numbers, pricing)
- P.O. Number
- Comments

Sales orders to be emailed to:

intech_orderadmin@trimble.com

Limited Policy

All Pacific Crest radio family products (including batteries and cables) are warranted for a period of one year from the date of purchase depending on the model. See product documentation for full details.

Service Policy

Warranty Repairs*

In accordance with the Pacific Crest warranty repair policy, products requiring repair should be returned prepaid to Pacific Crest or returned prepaid to any one of its authorized service centers. Prior to returning any product for repair, a Case Number must be obtained from the Customer Service Center. The Case Number must be placed on the exterior of the shipping carton for the returned product to be accepted. Pacific Crest or any authorized service center will repair or replace any warranted product and ship it prepaid to the customer.

Non-Warranty Repairs*

Products out of warranty, but requiring repair should be returned to Pacific Crest or to any one of its authorized service centers. Prior to returning any product for repair, a Case Number must be obtained. The Case Number must be placed on the exterior of the shipping carton for the returned product to be accepted. For existing customers who have current accounts with defined payment terms, a copy of the PO must be received in order for repairs to be made. For customers without existing term arrangements, payment must be arranged by Credit Card, Wire Transfer or Check. Customer approvals are required before any service repairs can be completed. Customer Service Representatives will now provide estimates on non-warranty RMAs. Pacific Crest or any authorized service center per customer's acceptance of repair and return freight costs will repair and return the product to the customer.

Ordering Information

Terms: Net-30 on established credit, Master Card, Visa, American Express, COD, Check.

Minimum order: \$100.00. F.O.B.: Our plant - Shipping and applicable taxes added to the invoice.

*Notes:

1) If an estimate for a repair is given and thereafter the repair is declined by the customer, a diagnostics fee of \$75 will be charged for labor.

Contact Information

Contact Information

Sales Contact

Headquarters

Pacific Crest
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Sunnyvale, CA 94085
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General Sales
sales-intech@trimble.com

Europe/EMEA
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Russia
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China Sales
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