

Product Price List

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<u>Order Number</u>	<u>Description</u>	<u>List Price (US\$)</u>
Radio Modem Mounting Accessories		
TS0112	TS2000 Mounting Bracket Kit, includes hardware to mount bracket to radio modem	12.00
TS0114	TS4000 Mounting Bracket Kit, includes hardware, mounts to the bottom of TS4000s.....	20.00
TS0115	TS4000 Rear Mounting Bracket Kit, includes hardware, mounts to the back of 5W TS4000s...	20.00
TS0116	TS4000 Rack Mount Kit, 2U Panel Height (3.5" x 19"), holds up to four 5 watt TS4000s	235.00
Data and Interface Cables		
TS0122	TS2000 Radio Interface Cable, 3 feet, 25 pin female D connector on one end	25.00
TS0122T	TS2000 Radio Modem Test Cable, 3 feet, supports testing of up to four TS2000 modems	65.00
TS0125	Three-Wire Null Modem Data Cable, 9 inches, DE-9 male connector on both ends.....	30.00
TS0126	RS-232 Data Cable, 6 feet, DE-9 male DCE connector to DE-9 female DTE connector	24.00
TS0128	RS-485 Interface Adapter, converts RS-232/TTL signals to RS-485 levels, 2 foot pigtail.....	125.00
TS0129	Loopback Test Plug, loops receive data to transmit data on a modem RS-232 connector.....	8.00
Watertight TS4000 Data/Power Cables		
TS0360AGU	TS4000 19-pin LEMO to Single DE-9 (data port 1) and 2-pin SAE (power), 1m.....	120.00
TS0360BGU	TS4000 19-pin LEMO to Two DE-9s (data port 1 & 2) and 2-pin SAE (power), 1m.....	150.00
TS0360CGU	TS4000 19-pin LEMO to 4-wire Pigtail (data port 1 and power), 2m.....	120.00
TS0360DGU	TS4000 19-pin LEMO to 3-wire Pigtail (data port 1) and 2-pin SAE (power), 2m	130.00
TS0360EGU	TS4000 19-pin LEMO to 19-wire Pigtail (data port 1, data port 2 and power), 2m.....	170.00
DC Power Cables		
TS0123M	TS4000 DC Power Cable, 3 feet, Molex Micro-Fit 3.0 connector to pigtail	20.00
TS0123M-SAE	TS4000 DC Power Cable, 3 feet, Molex Micro-Fit 3.0 connector to 2 pin SAE	20.00
TS0370-7.5A	SAE to Power Supply Terminals, for connection to power source, 7.5A Fuse, 0.5m	24.00
TS0370-20A	SAE to Power Supply Terminals, for connection to power source, 20A Fuse, 0.5m	24.00
TS0370-Red/Blk	SAE to Pigtails, for connection to power source (red power lead covered), 0.3m.....	6.00
TS0370-PS	SAE to Lugs (#10 U), for connection to power source (red power lead covered), 0.3m.....	10.00
TS0370-PL	SAE to Lugs (#10 U), for connection to power load (red power lead exposed), 0.3m	10.00
TS0371	SAE to Battery Terminal Clamps, 20A In-Line Fuse, 0.5m	22.00
TS0372	SAE to SAE Extension, 2m.....	16.00
TS0373	SAE to Battery Charger Terminals, 20A In-Line Fuse, 0.5m.....	26.00
TS0374	SAE to Camcorder Battery Terminals (P-Clip Connector), 0.5m	16.00
TS0375	SAE to Battery Charger Terminals, 0.5m.....	18.00
TS0376	SAE to M6 Battery Terminals, 20A In-Line Fuse, 0.5m	24.00
TS0377	SAE to Vehicle Power Plug, 7A Internal Fuse, 1m	28.00
TS0378	SAE to Rack Mount Amplifier Power Connector, 0.5m	24.00
TS0379	SAE to RF Amplifier Power Connector, 0.5m	18.00
Power Supplies		
TS0130WP-15040S	Desk Top, 15VDC at 4A, 100-240VAC at 47-63Hz input, SAE power connector	75.00
TS0135	Desk Top, 13.8VDC at 10A (7A cont), 120VAC at 47-63Hz input	165.00
TS0135RMM	Rack Mount with Meter, 13.8VDC at 10A (7A cont), 120VAC at 47-63Hz input	365.00
TS0136	Desk Top, 13.8VDC at 12A (10A cont), 120VAC at 47-63Hz input	195.00
TS0136WS	Desk Top, 13.8VDC at 12A (10A cont), 120/220VAC at 47-63Hz input	235.00
TS0137	Desk Top, 13.8VDC at 20A (17A cont), 120VAC at 47-63Hz input	240.00
TS0137RMM	Rack Mount with Meter,13.8VDC at 20A (17A cont), 120VAC at 47-63Hz input	475.00
TS0138	Desk Top, 13.8VDC at 30A (25A cont), 120VAC at 47-63Hz input	385.00
TS0138RMM	Rack Mount with Meter,13.8VDC at 30A (25A cont), 120VAC at 47-63Hz input	640.00
TS0139M	Desk Top with Meter,13.8VDC at 40A (40A cont), 90-270VAC at 47-63Hz input	760.00



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<u>Order Number</u>	<u>Description</u>	<u>List Price (US\$)</u>
RF Amplifiers ("xxx" specifies the center operating frequency)		
TS0201-xxx/N	VHF, 136-175MHz, 30-45 watts output, 1-4 watts input, 13.6VDC at 8A, N connector.....	700.00
TS0201CDRM-xxx/N	VHF, 136-175MHz, Cont Duty, Rack Mount, 30-45W output, 13.6VDC at 8A, N connector....	945.00
TS0203-xxx/N	VHF, 136-175MHz, 80-120 watts output, 1-4 watts input, 13.6VDC at 20A, N connector.....	1,035.00
TS0203CDRM-xxx/N	VHF, 136-175MHz, Cont Duty, Rack Mount, 80-120W output, 13.6VDC at 20A, N conn.....	1,535.00
TS0205-xxx/N	UHF, 400-512MHz, 25-45 watts output, 1-4 watts input, 13.6VDC at 8A, N connector	860.00
TS0205CDRM-xxx/N	UHF, 400-512MHz, Cont Duty, Rack Mount, 25-45W output, 13.6VDC at 8A, N conn.....	1,100.00
TS0206-xxx/N	UHF, 400-512MHz, 70-100 watts output, 1-4 watts input, 13.6VDC at 20A, N connector	1,245.00
TS0206CDRM-xxx/N	UHF, 400-512MHz, Cont Duty, Rack Mount, 70-100W output, 13.6VDC at 20A, N conn.....	1,745.00
TS0378	Cable, SAE to Rack Mount Amplifier Power Connector, 0.5m.....	24.00
TS0379	Cable, SAE to RF Amplifier Power Connector, 0.5m	18.00
TS0370-20A	SAE to Power Supply Terminals, for connection to power source, 20A Fuse, 0.5m	24.00

(All amplifiers have a 20MHz bandwidth and include solid state switching.)

Radio Modem Redundancy Switch

TS0520-12/N	TS4000 Redundancy Switching Kit, Rack Mount, 12 volt, 3.5" x 19" x 13", N connector	3,710.00
TS0520R-12/N	TS4000 Redundancy Switching Kit, Panel Mount, 12 volt, 4.0" x 11" x 13", N connector	3,710.00
TS0520-24/N	TS4000 Redundancy Switching Kit, Rack Mount, 24 volt, 3.5" x 19" x 13", N connector	3,710.00
TS0520R-24/N	TS4000 Redundancy Switching Kit, Panel Mount, 24 volt, 4.0" x 11" x 13", N connector	3,710.00
TS0520-RFMON/155	RF Amplifier Monitor Kit for the Redundancy Switch, VHF, N connector	850.00
TS0520-RFMON/450	RF Amplifier Monitor Kit for the Redundancy Switch, UHF, N connector	850.00

(Also available with BNC, TNC or SMA connectors. Each kit includes redundancy switching module, RF cables, data cables and mounting hardware. Each kit requires two radio modems which are sold separately.)

Radio Modem Full Duplex and Frequency Translating Repeater Kits

TS0510-xxx/yyy/N	TS4000 Data Repeater Kit, Rack Mount, 3.5" x 19" x 15", N connector	995.00
TS0512-xxx/yyy/N	TS4000 Full Duplex Kit, Rack Mount, 3.5" x 19" x 15", N connector	1,035.00
TS0514-xxx/yyy/N	TS4000 Data Repeater Kit, Panel Mount, N connector	995.00
TS0516-xxx/yyy/N	TS4000 Full Duplex Kit, Panel Mount, N connector	1,035.00

(Each kit includes six cavity duplexer, RF cables, data cable, mounting brackets and hardware. The "xxx" field specifies the transmit center frequency and the "yyy" field indicates the receive center frequency. Each kit requires two radio modems which are sold separately.)

Antenna Bandpass Filters ("xxx" specifies the center operating frequency)

TS0140-xxx/N	VHF Bandpass Filter, Four Cavity, 2MHz BW, 1.3" x 4.2" x 6.8", N female connectors.....	486.00
TS0140-xxx/N	UHF Bandpass Filter, Four Cavity, 3MHz BW, 1.3" x 4.2" x 9.3", N female connectors.....	456.00
TS0141-xxx/N	UHF Cavity Filter, Field Tunable, 200kHz BW, 6" Dia x 15" High, N female connectors.....	542.00

Antenna Duplexers

TS0142-xxx/yyy/N	Compact Duplexer, 144-174MHz, Six Cavity, 75dB isolation, N connectors.....	528.00
TS0143-xxx/yyy/N	Rack Mount Duplexer, 137-174MHz, Six Cavity, 100dB isolation, N connectors.....	2,550.00
TS0145-xxx/yyy/N	Compact Duplexer, 355-512MHz, Six Cavity, 75dB isolation, N connectors.....	482.00
TS0147-xxx/yyy/N	Rack Mount Duplexer, 406-470MHz, Six Cavity, 100dB isolation, N connectors.....	2,550.00

(The "xxx" field specifies the transmit center frequency and the "yyy" field indicates the receive center frequency.)



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VHF Antennas (132-174MHz) ("xxx" specifies the center operating frequency)		
TS0400TA10/B	Test Antenna, 132-960MHz, 5 watt, 10dB attenuator, BNC connector	44.00
TS0411M1B-xxx/M	Phantom, Omni-Directional, 0dBi Gain, 3.5" high, black, mobile 3/4" mount	84.00
TS0411M1BE-xxx/M	Phantom, Elite, Omni-Directional, 0dBi Gain, 2.4" high, black, mobile 3/4" mount	84.00
TS0412M0B-xxx/M	Mobile Whip, Omni-Directional, 0dBi (-2dBd) Gain, 18" high, black, mobile 3/4" mount	18.00
TS0412M3B-xxx/M	Mobile Whip, Omni-Directional, 3dBi (1dBd) Gain, 49" high, black, mobile 3/4" mount	60.00
TS0415B0-xxx/N	Collinear, Omni-Directional, 0dBd Gain, 68" long, N female connector	198.00
TS0415B3-xxx/N	Collinear, Omni-Directional, 3dBd Gain, 107" long, N female connector	312.00
TS0415B5H-xxx/N	Collinear, Omni-Directional, 5dBd Gain, Heavy Duty, 264" long, N female connector	1,044.00
TS0418B7-xxx/N	Yagi, Directional, 7dBd Gain, 3 Element, 42" boom, N female connector	192.00
TS0418B9-xxx/N	Yagi, Directional, 9dBd Gain, 5 Element, 72" boom, N female connector	260.00
UHF Antennas (380-512MHz) ("xxx" specifies the center operating frequency)		
TS0400TA10/B	Test Antenna, 132-960MHz, 5 watt, 10dB attenuator, BNC connector	44.00
TS0441M1B-xxx/M	Phantom, Omni-Directional, -1dBd Gain, 3" high, black, mobile 3/4" mount	50.00
TS0441M1B-xxx/PN	Phantom, Omni-Directional, -1dBd Gain, 3" high, permanent mount, N female connector	64.00
TS0442M0B-xxx/M	Mobile Whip, Omni-Directional, 0dBi (-2dBd) Gain, 6" high, black, mobile 3/4" mount	18.00
TS0442M3B-xxx/M	Mobile Whip, Omni-Directional, 3dBi (1dBd) Gain, 11" high, black, mobile 3/4" mount	54.00
TS0442M5B-xxx/M	Mobile Whip, Omni-Directional, 5dBi (3dBd) Gain, 33" high, black, mobile 3/4" mount	64.00
TS0445B0-xxx/N	Collinear, Omni-Directional, 0dBd Gain, 26" long, N female connector	152.00
TS0445B3-xxx/N	Collinear, Omni-Directional, 3dBd Gain, 44" long, N female connector	228.00
TS0445B5-xxx/N	Collinear, Omni-Directional, 5dBd Gain, 76" long, N female connector	364.00
TS0445B7-xxx/N	Collinear, Omni-Directional, 7dBd Gain, 107" long, N female connector	448.00
TS0445B10H-xxx/N	Collinear, Omni-Directional, 10dBd Gain, Heavy Duty, 264" long, N female connector	1,315.00
TS0446B9AT-459/N	Four-Bay Folded Dipole, 6-9dBd Gain, 120" long, 406-512MHz, N male connector	1,766.00
TS0448B7-xxx/N	Yagi, Directional, 7dBd Gain, 3 Element, 21" boom, N female connector	166.00
TS0448B10-xxx/N	Yagi, Directional, 10dBd Gain, 6 Element, 44" boom, N female connector	212.00
TS0448B10H-xxx/N	Yagi, Directional, 10dBd Gain, Rugged 7 Element, 46" boom, N female connector	410.00
900MHz Antennas (928-960MHz) ("xxx" specifies the center operating frequency)		
TS0400TA10/B	Test Antenna, 132-960MHz, 5 watt, 10dB attenuator, BNC connector	44.00
TS0491M1B-944/M	Phantom, Omni-Directional, -1dBd Gain, 2.3" high, black, mobile 3/4" mount	48.00
TS0491M1B-944/PN	Phantom, Omni-Directional, -1dBd Gain, 3" high, permanent mount, N female connector	60.00
TS0492M0B-944/M	Mobile Whip, Omni-Directional, 0dBi (-2dBd) Gain, 3" high, black, mobile 3/4" mount	18.00
TS0492M3B-944/M	Mobile Whip, Omni-Directional, 3dBi (1dBd) Gain, 9" high, black, mobile 3/4" mount	26.00
TS0492M5B-944/M	Mobile Whip, Omni-Directional, 5dBi (3dBd) Gain, 14" high, black, mobile 3/4" mount	44.00
TS0495B0-xxx/N	Collinear, Omni-Directional, 0dBd Gain, 15" long, N female connector	124.00
TS0495B3-xxx/N	Collinear, Omni-Directional, 3dBd Gain, 25" long, N female connector	184.00
TS0495B6-xxx/N	Collinear, Omni-Directional, 6dBd Gain, 65" long, N female connector	238.00
TS0495B10H-944/N	Collinear, Omni-Directional, 10dBd Gain, Heavy Duty, 182" long, N female connector	1,452.00
TS0498B6-944/N	Yagi, Directional, 6dBd Gain, 3 Element, 17" boom, N female connector	166.00
TS0498B9-944/N	Yagi, Directional, 9dBd Gain, 6 Element, 28" boom, N female connector	198.00
TS0498B10H-944/N	Yagi, Directional, 10dBd Gain, Rugged 7 Element, 34" boom, N female connector	396.00



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Antenna Mounting Accessories		
TS0171	Folded Dipole Antenna Mounting Bracket, Heavy Duty, supports 1-3" OD mast, set of two	152.00
TS0172	Collinear Antenna Mounting Bracket, supports 1-2.5" OD mast or vertical surface	26.00
TS0177-3/4PM/B	Permanent Mobile Antenna Mount, 3/4" mounting hole, 14 feet RG58A/U cable, BNC conn	24.00
TS0177-3/4PM/T	Permanent Mobile Antenna Mount, 3/4" mounting hole, 14 feet RG58A/U cable, TNC conn	24.00
TS0178-BkMag/B	Magnetic Mobile Antenna Mount, mobile 3/4" mount, 12 feet RG58A/U cable, BNC conn	48.00
TS0178-BkMag/T	Magnetic Mobile Antenna Mount, mobile 3/4" mount, 12 feet RG58A/U cable, TNC conn	48.00
TS0179-GP/N	Mobile Antenna Ground Plane Mount, supports mast or wall mount, N female connector	44.00
TS0179-BHMM/N	Permanent Mobile Antenna Mount, up to 3/8" thick plate, 3/5" mounting hole, N conn.....	38.00
TS0400-xxx/N	Antenna Stacking Harness, 2 port, N female connector	70.00
<i>(TS0415B5H, TS0445B10H and TS0495B10H collinear antennas come with one set of TS0171-46 mounting brackets. For all other collinear antennas: one TS0172 mounting bracket required for mast mounting antennas less than 40 inches in length, two TS0172 mounting brackets are required for antennas greater than 40 inches in length. Each TS0446B9AT includes one set of TS0171-46 mounting brackets. All yagi antennas include a mast mounting bracket and mounting hardware.)</i>		
Antenna Cables (Custom Lengths Available)		
TS0152-3B/N	Teflex, 0.19"OD x 3 feet, BNC/N male connectors (0.6dB total cable/connector loss)	44.00
TS0152-3B/NF	Teflex, 0.19"OD x 3 feet, BNC male/N female connectors (0.6dB total cable/conn loss).....	44.00
TS0152-3T/N	Teflex, 0.19"OD x 3 feet, TNC/N male connectors (0.6dB total cable/connector loss).....	44.00
TS0152-3N/N	Teflex, 0.19"OD x 3 feet, N male connectors (0.5dB total cable/connector loss)	44.00
TS0152-3S/N	Teflex, 0.19"OD x 3 feet, SMA/N male connectors (0.5dB total cable/connector loss)	44.00
TS0153-10B/N	RG58A/U, 0.19"OD x 10 feet, BNC/N/ male connectors (1.5dB total cable/connector loss).....	44.00
TS0153-25B/N	RG58A/U, 0.19"OD x 25 feet, BNC/N/ male connectors (3.4dB total cable/connector loss).....	50.00
TS0155-25N/N	RG8X, 0.24"OD x 25 feet, N male connectors (1.8dB total cable/connector loss)	56.00
TS0155-50B/N	RG8X, 0.24"OD x 50 feet, BNC/N male connectors (3.6dB total cable/connector loss).....	70.00
TS0158-25N/N	LMR400, 0.41"OD x 25 feet, N male connectors (0.9dB total cable/connector loss)	86.00
TS0158-50N/N	LMR400, 0.41"OD x 50 feet, N male connectors (1.5dB total cable/connector loss)	132.00
TS0158-100N/N	LMR400, 0.41"OD x 100 feet, N male connectors (2.9dB total cable/connector loss)	224.00
TS0159-100N/N	LDF4 Helix, 0.63"OD x 100 feet, N male connectors (1.7dB total cable/connector loss)	465.00
TS0159-200N/N	LDF4 Helix, 0.63"OD x 200 feet, N male connectors (3.2dB total cable/connector loss)	805.00
TS0187-FT3/4	Fusion Tape, 3/4" x 30ft, bonds to itself to provide a weatherproof seal around cables.....	14.00
TS0189-LDF4Hngr	Cable Hangers for LDF4, 10 pack, snaps into 3/4" hole	52.00
TS0189-HngrAdpt	Cable Hanger Adapter for Angle Iron Tower Legs, 10 pack, 3/4" hole, stainless	96.00
TS0189-HngrAdptR	Cable Hanger Adapter for Round Tower Legs, 1.5 to 3" legs, 10 pack, 3/4" hole, stainless	96.00
<i>(Cable loss shown for UHF frequency band, for 900MHz band increase loss by 50%, for VHF band decrease loss by 40%)</i>		
Antenna Cable Adapters and Accessories		
TS0160-B/B	BNC male - BNC male (interconnects two BNC female connectors)	15.00
TS0160-BF/BF	BNC female - BNC female (interconnects two BNC male connectors)	15.00
TS0160-B/NF	BNC male - N female (interconnects BNC female and N male connectors)	15.00
TS0160-B/TF	BNC male - TNC female (interconnects BNC female and TNC male connectors).....	15.00
TS0160-B/SF	BNC male - SMA female (interconnects BNC female and SMA male connectors)	15.00
TS0160-N/N	N male - N male (interconnects two N female connectors)	15.00
TS0160-NF/NF	N female - N female (interconnects two N male connectors)	15.00
TS0160BH-NF/NF	N female - N female Bulkhead mount (interconnects two N male connectors)	15.00
TS0160-N/TF	N male - TNC female (interconnects N female and TNC male connectors).....	15.00
TS0160-NF/T	N female - TNC male (interconnects N male and TNC female connectors).....	15.00
TS0162-40N/NF-5W	Attenuator, 40dB, 5 watt, 0-1000MHz, N male to N female	140.00
TS0167-6W/N	Termination, 50 ohms, 6 watts, DC-1000MHz, N connector	120.00
TS0169-PP	Lighting Arrestor, 125-1000MHz, 125 watts, N female connectors, Multi-strike capable	135.00
TS0169-PPS	Lighting Arrestor, 125-1000MHz, 125 watts, N female connectors, Multi-strike, w/seal kit	145.00
TS0169GndKit	Lighting Arrestor Ground Kit, Includes 10 ft. of #6 ground wire, 2 ground pipe attachments	92.00
small (0.5"-1.25") and large (1.5"-2.25"), 2 ground wire lugs (1/4" bolt hole)		



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Field Surveying Data Link Radio Modem Kits		
TS4002RMP05R45Z	TS4000 2 watt UHF Rover Radio Modem Package..... <i>(Includes a 450-470MHz 2 watt 19.2kbps watertight TS4000 radio modem, UHF Maximizer antenna mount with 1.5 meter antenna cable, 5dBi gain whip antenna, configuration software and manual)</i>	1,364.00
TS4005BMP05B45Z	TS4000 5 watt UHF Base Radio Modem Package <i>(Includes a 450-470MHz 5 watt 19.2kbps watertight TS4000 radio modem, UHF Maximizer antenna mount with 4.5 meter antenna cable, 5dBi gain whip antenna, programming cable, configuration software and manual)</i>	1,669.00
TS4005RMP03R15Z	TS4000 5 watt VHF Rover Radio Modem Package..... <i>(Includes a 150-174MHz 5 watt 19.2kbps watertight TS4000 radio modem, VHF Maximizer antenna mount with 1.5 meter antenna cable, 3dBi gain whip antenna, configuration software and manual)</i>	1,565.00
TS4005BMP03B15Z	TS4000 5 watt VHF Base Radio Modem Package <i>(Includes a 150-174MHz 5 watt 19.2kbps watertight TS4000 radio modem, VHF Maximizer antenna mount with 4.5 meter antenna cable, 3dBi gain whip antenna, programming cable, configuration software and manual)</i>	1,690.00
Field Surveying Data Link RF Amplifier Kits		
TS0205AMP03B45T	UHF 25-45 Watt RF Amplifier Package <i>(Includes a 25-45 watt 450-470MHz amplifier, TNC RF cables to connect the amplifier between the TS4000 base radio modem and base antenna, and a fused 3m DC power cable to connect the amplifier to a battery or power supply)</i>	955.00
TS0201AMP03B15T	VHF 30-45 Watt RF Amplifier Package <i>(Includes a 30-45 watt 150-174MHz amplifier, TNC RF cables to connect the amplifier between the TS4000 base radio modem and base antenna, and a fused 3m DC power cable to connect the amplifier to a battery or power supply)</i>	795.00
Field Surveying Data Link Accessories - Antenna Mounts		
TS0340R/B	Maximizer Antenna Mount, UHF, Rover, 5/8-11 range pole mount, 1.5m cable with BNC	80.00
TS0340R/T	Maximizer Antenna Mount, UHF, Rover, 5/8-11 range pole mount, 1.5m cable with TNC.....	80.00
TS0340B/B	Maximizer Antenna Mount, UHF, Base, 5/8-11 range pole mount, 4.5m cable with BNC.....	85.00
TS0340B/T	Maximizer Antenna Mount, UHF, Base, 5/8-11 range pole mount, 4.5m cable with TNC.....	85.00
TS0341R/B	Maximizer Antenna Mount, VHF, Rover, 5/8-11 range pole mount, 1.5m cable with BNC.....	105.00
TS0341R/T	Maximizer Antenna Mount, VHF, Rover, 5/8-11 range pole mount, 1.5m cable with TNC.....	105.00
TS0341B/B	Maximizer Antenna Mount, VHF, Base, 5/8-11 range pole mount, 4.5m cable with BNC.....	110.00
TS0341B/T	Maximizer Antenna Mount, VHF, Base, 5/8-11 range pole mount, 4.5m cable with TNC.....	110.00
<i>(Maximizer antenna mounts can be used with TS0441 Phantom and TS0412 and TS0442 mobile whip antennas for enhanced antenna performance in field surveying and portable communication applications.)</i>		
Field Surveying Data Link Accessories - Tripods, Antenna Masts, Range Poles, Equipment Bags		
TS0300	Tripod, Aluminum, Quick Clamp releases, 66" high, 14lbs	180.00
TS0320	Antenna Mast, 0 to 8 feet, fits TS0300 Tripod	240.00
TS0321-5/8M	5/8-11Tripod Adapter, converts TS0300 Tripod to 5/8-11 for range pole attachment	30.00
TS0322-1	Range Pole, 1 foot extension, male and female 5/8-11 threads	45.00
TS0322-2	Range Pole, 2 foot extension, male and female 5/8-11 threads	55.00
TS0322-4	Range Pole, 4 foot extension, male and female 5/8-11 threads	70.00
TS0325	Maximizer side arm range pole mount, male 5/8-11 thread, fits 0.5"-1.25" OD pole.....	95.00
TS0328	TS4000 Range Pole Mount, fits 0.5"-1.25" OD pole	78.00
TS0329	TS4000 5/8-11 Mounting Bracket, mounts bottom of TS4000 to 5/8-11 male thread	78.00
TS0329-MagMnt	TS4000 Magnetic Mounting Bracket, mounts bottom of TS4000 to metal surface	176.00
TS0330-Orf	Carrying Bag, Nylon, Orange (holds tripod, antenna mast, antenna mount and antenna).....	96.00
TS0334	Radio Modem Bag with Belt Loop Attachment, Black (holds one TS4000 and 2Ah battery)....	165.00



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Field Surveying Data Link Accessories - TS4000 to GPS Receiver Cables		
TS0360AGU	Cable, TS4000 19-pin LEMO to Single DE-9 (data port 1) and 2-pin SAE (power), 1m.....	120.00
TS0360BGU	Cable, TS4000 19-pin LEMO to Two DE-9s (data port 1 & 2) and 2-pin SAE (power), 1m.....	150.00
TS0360CGU	Cable, TS4000 19-pin LEMO to 4-wire Pigtail (data port 1 and power), 2m.....	120.00
TS0360DGU	Cable, TS4000 19-pin LEMO to 3-wire Pigtail (data port 1) and 2-pin SAE (power), 2m	130.00
TS0360EGU	Cable, TS4000 19-pin LEMO to 19-wire Pigtail (data port 1, data port 2 and power), 2m.....	170.00
TS0360FSP	TS4000 to Spectra Prec Base, 19-pin LEMO to 4-pin Hirose (port 1) and 2-pin SAE, 2m.....	176.00
TS0360GSP	TS4000 to Spectra Prec Rover, 19-pin LEMO to 4-pin Hirose (port 1 and power), 1m.....	160.00
TS0360IJP	TS4000 to Topcon/Javad/Ashtech Base, 19pin LEMO to 7-pin ODU (port 1) and 2pin SAE, 2m...	182.00
TS0360JJP	TS4000 to Topcon/Javad/Ashtech Rover, 19-pin LEMO to 7-pin ODU (port 1 and power), 1m.....	166.00
TS0360LTN-2	TS4000 to Trimble Pathfinder Base, 19-pin LEMO to DE9 (port 1) and 2-pin SAE, 2m.....	135.00
TS0360MTN	TS4000 to Trimble Pathfinder Rover, 19-pin LEMO to DE9 (port 1 and power), 1m.....	125.00
TS0360NTN	TS4000 to Trimble 4000SSI Base, 19-pin LEMO to 7-pin LEMO (port 1) and 2-pin SAE, 2m	208.00
TS0360OTN	TS4000 to Trimble 4000SSI Rover, 19-pin LEMO to 7-pin LEMO (port 1 and power), 1m	188.00
TS0360PTN	TS4000 to Trimble 4700/4800 Base, 19-pin LEMO to 7-pin LEMO (port 1) and 2-pin SAE, 2m.....	206.00
TS0360PTN/RA	TS4000 to Trimble 4700/4800 Base, 19-pin LEMO to Rt. angle LEMO (port 1) and SAE, 2m	226.00
TS0360QTN	TS4000 to Trimble 4700/4800 Rover, 19-pin LEMO to 7-pin LEMO (port 1 and power), 1m.....	188.00
TS0360QTN/RA	TS4000 to Trimble 4700/4800 Rover, 19-pin LEMO to Rt. angle LEMO (port 1 and power), 1m....	208.00
TS0360SSK	TS4000 to Sokkia Base, 19-pin LEMO to 10-pin LEMO (port 1) and 2-pin SAE (power), 2m.....	185.00
TS0360TSK	TS4000 to Sokkia Rover, 19-pin LEMO to 10-pin LEMO (data port 1 and power), 1m	170.00
TS0360UTN	TS4000 to Trimble 5700 Base, 19-pin LEMO to 7-pin LEMO (port 1) and 2-pin SAE, 2m.....	206.00
TS0360UTN/RA	TS4000 to Trimble 5700 Base, 19-pin LEMO to Right angle LEMO (port 1) and SAE, 2m.....	226.00
TS0360VTN	TS4000 to Trimble 5700 Rover, 19-pin LEMO to 7-pin LEMO (port 1 and power), 1m.....	188.00
TS0360VTN/RA	TS4000 to Trimble 5700 Rover, 19-pin LEMO to Right angle LEMO (port 1 and power), 1m.....	208.00
TS0360WLC	TS4000 to Leica Base, 19-pin LEMO to 8-pin LEMO (port 1) and SAE, 2m	226.00
TS0360XLC	TS4000 to Leica Rover, 19-pin LEMO to 8-pin LEMO (port 1 and power), 1m	208.00

Field Surveying Data Link Accessories - Rechargeable Batteries/Chargers

TS0380-12020	Battery, Rechargeable, 12V @ 2.0Ah, P-Clip Terminals, 2.6" x 0.9" x 5.7", -15 to +50 C.....	48.00
TS0380-12023	Battery, Rechargeable, 12V @ 2.3Ah, P-Clip Terminals, 2.5" x 0.9" x 7.2", -15 to +50 C.....	42.00
TS0380-12260	Battery, Rechargeable, 12V @ 26Ah, M6 Screw Terminal, 6.6" x 7.0" x 5.0", -40 to +60 C.....	235.00
TS0380-12330	Battery, Rechargeable, 12V @ 33Ah, M6 Screw Terminal, 7.7" x 5.2" x 7.1", -15 to +50 C.....	162.00
TS0130WP-12023	Battery Charger, 12V, 0-2.6A Charge Capacity, 90-264VAC at 47-440Hz input, 1" x 2" x 5"	115.00
TS0131WS-12330	Battery Charger, 12V, 0-15A Charge Capacity, 120/220VAC at 47-63Hz, 3.3" x 8.0" x 8.4"	252.00

Product Warranty

Teledesign Systems Inc. warrants all of its products to be free from defects in materials and workmanship for a period of two (2) years from the date of shipment. During the warranty period, Teledesign Systems Inc. will, at its option, either repair or replace products that prove to be defective.

This warranty shall not apply to any defect, failure or damage caused by misuse, abuse, improper application, alteration, accident, disaster, negligence, use outside of the environmental specifications, improper or inadequate maintenance, or incorrect repair or servicing not performed or authorized by Teledesign Systems Inc.

Teledesign Systems Inc. shall in no event have obligations or liabilities to buyer or any other person for loss of profits, loss of use or incidental, special, or consequential damages, whether based on contract, tort (including negligence), strict liability, or any other theory or form of action, even if Teledesign Systems Inc. has been advised of the possibility thereof, arising out of or in connection with the sale, delivery, use, repair, or performance of this product (including equipment, documentation and software), or any failure or delay in connection with any of the foregoing. In no event shall the liability of Teledesign Systems Inc. arising in connection with any product exceed the actual amount paid for such product.

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