

**NeTS - IIT Spectrum Occupancy Measurements Equipment List  
TESSCO**

Quantity	Item	Item number	SKU	Unit Cost	Ext.	Source
4	PolyPhaser coaxial lightning/surge suppressors	GT-NFF-AL	330871	\$35.10	\$140.40	<a href="http://www.tessco.com">www.tessco.com</a>
1	PolyPhaser data lightning/surge protector	IX-2M	469983	\$63.96	\$63.96	<a href="http://www.tessco.com">www.tessco.com</a>
1	APC Smart-UPS XL 750 VA	SUA750XL	414364	\$463.68	\$463.68	<a href="http://www.tessco.com">www.tessco.com</a>
1	Harger grounding bar	GBI14412N	74018	\$73.58	\$73.58	<a href="http://www.tessco.com">www.tessco.com</a>
12	Times Microwave male N connector LMR-400	EZ-400-NMH-D	431926	\$6.48	\$77.76	<a href="http://www.tessco.com">www.tessco.com</a>
150	Times Microwave coaxial cable LMR-400	LMR-400	59520	\$0.67	\$100.50	<a href="http://www.tessco.com">www.tessco.com</a>
3	Times Microwave male N connector LMR-600	EZ-600-NMH-D	480716	\$11.51	\$34.53	<a href="http://www.tessco.com">www.tessco.com</a>
1	Times Microwave female N connector LMR-600	EZ-600-NF	71536	\$16.18	\$16.18	<a href="http://www.tessco.com">www.tessco.com</a>
150	Times Microwave coaxial cable	LMR600	86672	\$1.16	\$174.00	<a href="http://www.tessco.com">www.tessco.com</a>
3	1-1/4" x 10' electrical conduit (EMT)	ESTIMATE		\$20.00	\$60.00	Home Depot, Lowes, Electrical supply house
1	1-1/2" x 12' fiberglass rod	ESTIMATE		\$100.00	\$100.00	<a href="http://www.mgs4u.com">www.mgs4u.com</a>
1	Narda SP2T switch w/N and TTL DC -12.4 GHz	SEM123DN		\$225.00	\$225.00	<a href="http://www.nardamicrowave.com/east/">www.nardamicrowave.com/east/</a>
1	Narda amplifier 30 dB gain 2 GHz - 8 GHz	NES0208N315			\$0.00	<a href="http://www.nardamicrowave.com/east/">www.nardamicrowave.com/east/</a>
3	Aeroflex bias T 10 MHz - 6 GHz, N connector	8800NMF1-06			\$0.00	<a href="http://www.inmetcorp.com/ImprdBias_Tees.htm#ge">www.inmetcorp.com/ImprdBias_Tees.htm#ge</a>
1	Mini-Circuits High pass filter 3 GHz - 7 GHz	VHP-26		\$29.95	\$29.95	<a href="http://www.minicircuits.com">www.minicircuits.com</a>
1	Pasternack bias T 1 GHz - 6 GHz, SMA Connector	PE1603		\$165.05	\$165.05	<a href="http://www.pasternack.com">www.pasternack.com</a>
1	Pasternack coax cable SMA male to N female 12"	PE34178-12		\$58.65	\$58.65	<a href="http://www.pasternack.com">www.pasternack.com</a>
1	Diamond discone antenna 25 MHz - 1300 MHz	DJ-130NJ		\$99.99	\$99.99	<a href="http://www.hamradio.com">www.hamradio.com</a>
1	AOR discone antenna 700 MHz - 3000 MHz	DA-5000		\$399.95	\$399.95	<a href="http://www.universal-radio.com">www.universal-radio.com</a>
1	A-Info broadband horn antenna 2 GHz - 8 GHz	JXTXLB-2080			\$0.00	<a href="http://www.ainfoinc.com">www.ainfoinc.com</a>
1	KMA Antennas LPA 26-1300 MHz 5dBi gain	KMA2613		\$414.00	\$414.00	<a href="http://www.kmaantennas.com">www.kmaantennas.com</a>
1	A-Info LPA 1 GHz - 4 GHz	JXTXDS-100400		\$759.00	\$759.00	<a href="http://www.ainfoinc.com">www.ainfoinc.com</a>
1	National Instruments GPIB to USB interface cable	778927-01		\$529.00	\$529.00	<a href="http://www.ni.com/gpib/">www.ni.com/gpib/</a>
1	Measurement Comp USB - 24 bit Digital I/O module	USB-1024LS		\$99.00	\$99.00	<a href="http://www.measurementcomputing.com">www.measurementcomputing.com</a>
1	12 volt power supply for pre-selector and LNA	ESTIMATE		\$50.00	\$50.00	
1	28 volt power supply for microwave switch	ESTIMATE		\$50.00	\$50.00	
1	Custom pre-selector interface cable			\$100.00	\$100.00	SSC
1	Miscellaneous installation supplies -- estimate			\$50.00	\$50.00	
1	Pre-selector			\$3,000.00	\$3,000.00	SSC
<b>TOTAL</b>					<b>\$7,334.18</b>	

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