

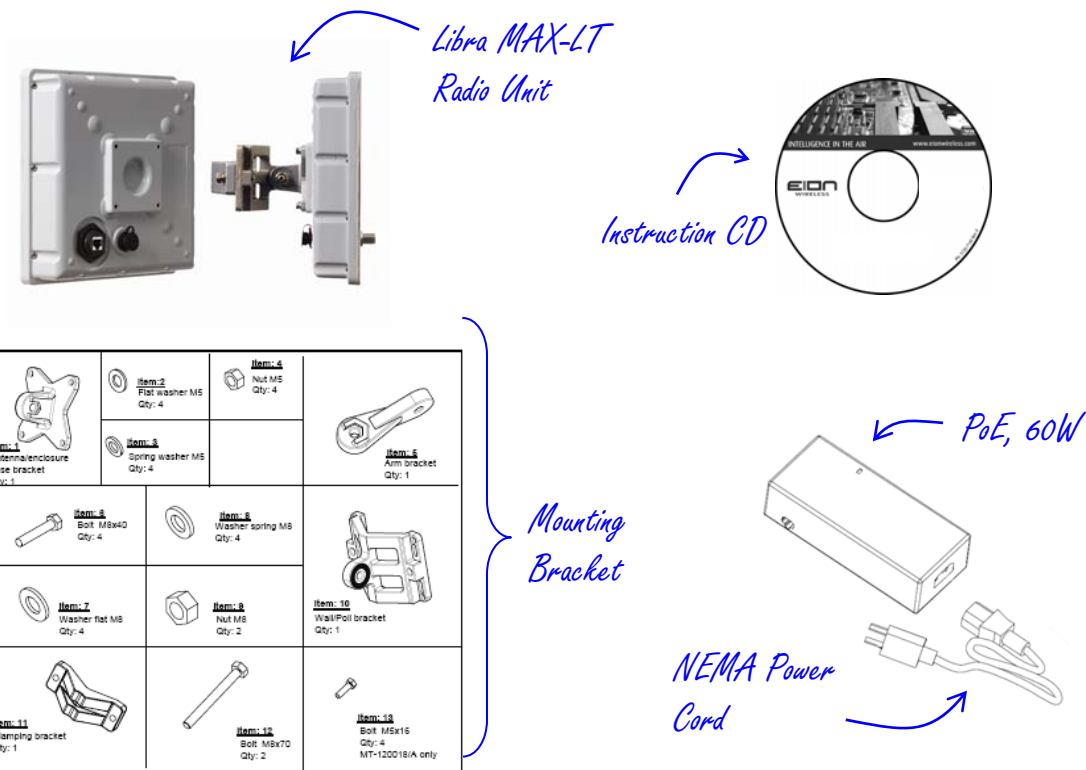
Application Note: 5722-0011

Libra MAX System Checklist

Libra MAX-LT

- 9120-1233 - Libra MAX-LT 3335
- 9120-1234 - Libra MAX-LT 3436
- 9120-1235 - Libra MAX-LT 3638
- 9120-1258 - Libra MAX-LT 5800

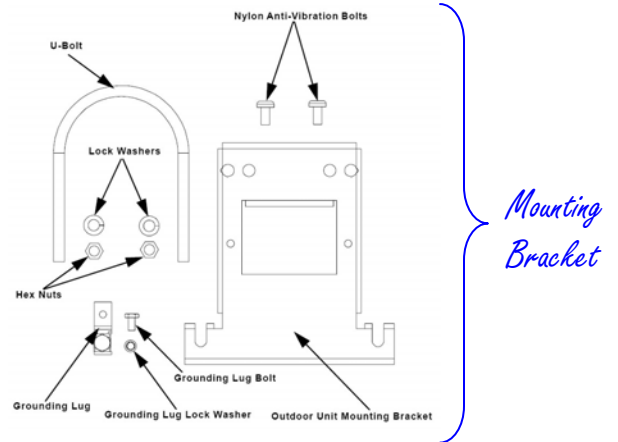
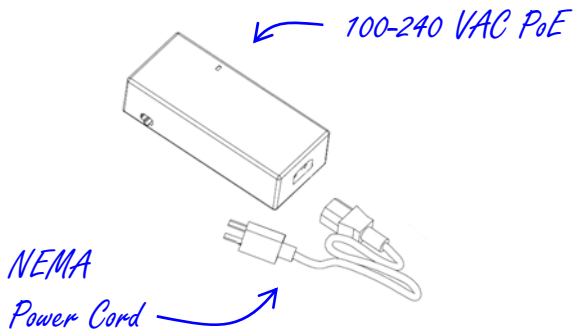
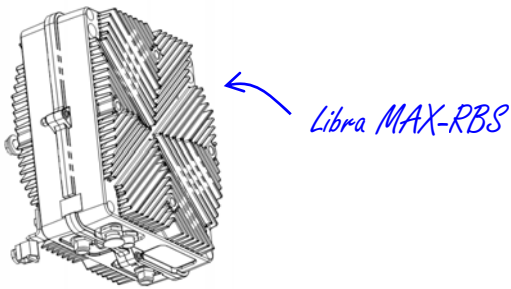
Box contains: Libra MAX-LT Radio Unit, Instruction CD, Mounting Bracket, POE Inserter 48VDC @ 60W, and NEMA Power Cord



Libra MAX-RBS

- 9120-0280 - Libra MAX-RBS 3335
- 9120-0281 - Libra MAX-RBS 3436
- 9120-0284 - Libra MAX-RBS 3638
- 9120-0283 - Libra MAX-RBS 5800

Box contains: Libra MAX-RBS Radio Unit, Mounting Bracket, POE Inserter 48 VDC, and NEMA Power Cord



Libra MAX-SS

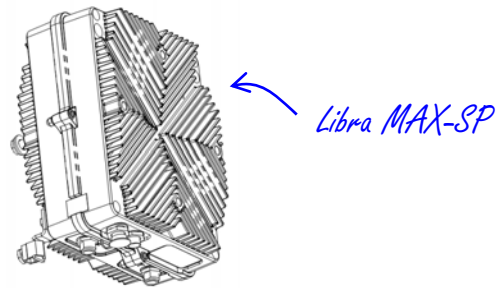
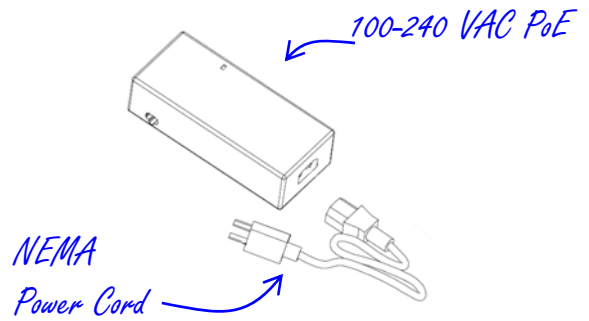
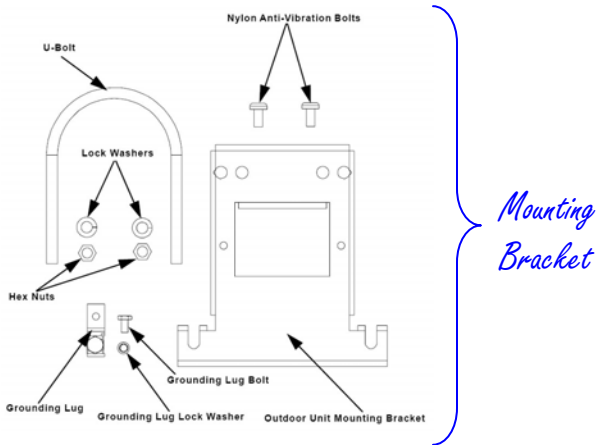
9120-0109 - Libra MAX-SS 3X00e
9120-0107 - Libra MAX-SS 3X00i17
9120-0108 - Libra MAX-SS 3X00i20
9120-0113 - Libra MAX-SS 5X00e
9120-0110 - Libra MAX-SS 5X00i16
9120-0111 - Libra MAX-SS 5X00i20
9120-0112 - Libra MAX-SS 5X00i24

Box contains: Libra MAX-SS Radio Unit, Mounting Bracket, POE Inserter 18 VDC, and Power Cord

Libra MAX-SP

- 9120-0120 - Libra MAX-SP 3335
- 9120-0121 - Libra MAX-SP 3436
- 9120-0123 - Libra MAX-SP 3638
- 9120-0122 - Libra MAX-SP 5800

Box contains: Libra MAX-SP Radio Unit, Mounting Bracket, POE Inserter 48 VDC, and NEMA Power Cord



Accessories List

PN	Product Name	Notes
1200-0211	Antenna 2.4GHz 10dBi 360° Omni	
1200-0422	Antenna 2.4GHz 12dBi 90° Sectoral Horizontal	
1200-0511	Antenna 2.4GHz 12dBi 90° Sectoral Vertical	
1200-0408	Antenna 2.4GHz 13.5dBi 60° Sectoral Horizontal	
1200-0426	Antenna 2.4GHz 13.5dBi 60° Sectoral Vertical	
1200-0304	Antenna 2.4GHz 13dBi 47° Flat Panel	
1200-0308	Antenna 2.4GHz 17dBi 13° Grid	
1200-0309	Antenna 2.4GHz 24dBi 7.5° Parabolic Grid	
1200-0418	Antenna 3.5GHz 14dBi 120° Sectoral Vertical	
1200-0417	Antenna 3.5GHz 14dBi 90° Sectoral Horizontal	
1200-0406	Antenna 3.5GHz 15.5dBi 90° Sectoral Vertical	
1200-0359	Antenna 3.5GHz 17dBi 60° Sectoral Horizontal	
1200-0419	Antenna 3.5GHz 17dBi 60° Sectoral Vertical	
1200-0516	Antenna 3.5GHz 23dBi 9.6° Parabolic dish w/radome	
1200-0358	Antenna 5.25-5.35/5.725- 5.875Ghz 23dBi 9.5° Flat Panel	
1200-0432	Antenna 5.25-5.85 GHz, 16 dBi 90° Sectoral Horizontal	
1200-0431	Antenna 5.25-5.85 GHz, 17 dBi 60° Sectoral Horizontal	

PN	Product Name	Notes
1200-0403	Antenna 5.47-5.725GHz 16dBi 90° Sectoral Vertical	
1200-0404	Antenna 5.725-5.850GHz 16dBi 120° Sectoral Vertical	
1200-0515	Antenna 5.725-5.875GHz 10dBi Omni	
1200-0540	Antenna 5.725-5.875GHz 28dBi 6° Parabolic dish w/radome	
6010-1465	Cable 100m Libra MAX-SS PoE	100 Meter Outdoor Shielded CAT5 (One end RJ45, other end blank for field assembly). Order one per 3X00/5X00 Libra MAX-SS
6010-1416	Cable 100m LibraPlus / Libra MAX-LT PoE	100 Meter Shielded RJ45 to Woodhead ENSAM315 PoE Cable. Compatible with LibraPlus and Libra MAX-LT
6010-1422	Cable 100m VIP / Libra MAX- RBS/SP PoE	100 Meter Outdoor Shielded PoE Cable RJ45 Switchcraft 8 pin to EN3C8F. Compatible with VIP, Ultima 3, Libra MAX-SP/RBS
6010-1462	Cable 10m Libra MAX-SS PoE	10m Outdoor Shielded CAT5 (One end RJ45, other end blank for field assembly). Order one per 3X00/5X00 Libra MAX-SS
6010-1414	Cable 10m LibraPlus / Libra MAX- LT PoE	10 Meter Shielded RJ45 to Woodhead ENSAM315 PoE Cable. Compatible with LibraPlus and Libra MAX-LT
6010-1420	Cable 10m VIP / Libra MAX- RBS/SP PoE	10 Meter Outdoor Shielded PoE Cable RJ45 Switchcraft 8 pin to EN3C8F. Compatible with VIP, Ultima 3, Libra MAX-SP/RBS
6010-1461	Cable 30m Libra MAX-SS PoE	30 Meter Outdoor Shielded CAT5 (One end RJ45, other end blank for field assembly). Order one per 3X00/5X00 Libra MAX-SS
6010-1415	Cable 30m LibraPlus / Libra MAX- LT PoE	30 Meter Shielded RJ45 to Woodhead ENSAM315 PoE Cable. Compatible with LibraPlus and Libra MAX-LT
6010-1421	Cable 30m VIP / Libra MAX- RBS/SP PoE	30 Meter Outdoor Shielded PoE Cable RJ45 Switchcraft 8 pin to EN3C8F. Compatible with VIP, Ultima 3, Libra MAX-SP/RBS
6010-1463	Cable 50m Libra MAX-SS PoE	50m Outdoor Shielded CAT5 (One end RJ45, other end blank for field assembly). Order one per 3X00/5X00 Libra MAX-SS

PN	Product Name	Notes
6010-1440	Cable 50m LibraPlus / Libra MAX-LT PoE	50 Meter Outdoor Shielded PoE Cable RJ45 to Woodhead ENSAM315. Compatible with LibraPlus and Libra MAX-LT
6010-1435	Cable 65m VIP / Libra MAX-RBS/SP PoE	65 Meter Outdoor Shielded PoE Cable RJ45 Switchcraft 8 pin to EN3C8F. Compatible with VIP, Ultima 3, SPOT, RBS
6010-1403	Cable Ethernet Maintenance Port	5 Meter RJ45 Switchcraft 5 pin Libra MAX-LT/SP/RBS, LibraPlus 5860
4010-0014	Cable Power Cord Continental EU (CEE7 dual round pin), right angle	for 4000-0025 and 4000-0040 power supplies
4010-0004	Cable Power Cord US/Canada NEMA straight angle	for 4000-0025 and 4000-0040 power supplies
6010-0014	Cable RF 30cm (12 inch), LMR400 Ultra-Flex, Patch N(M)-N(M).	RF Cable to connect radio unit to the antenna
6010-0019	Cable RF 90cm (36 inch), LMR400 Ultra-Flex, Patch N(M)-N(M).	RF Cable to connect radio unit to the antenna
2108-0026	Connector Kit - 8pin Outdoor Weatherproof (Qty. 5)	This kit contains an 8-pin outdoor jack with a weatherproof boot. This kit is for customers constructing their own PoE cables for the VIP, Libra MAX-SP and Libra MAX-RBS.
2101-0033	Connector Kit - RJ45 Outdoor Weatherproof	This kit contains a male RJ45 ethernet jack with a weatherproof boot. This kit is for customers constructing their own PoE cables for the LibraPlus and Libra MAX-LT
4000-0042	POE 18VDC for Libra MAX-SS 3X00/5X00	This is a two piece 18V power inserter and power supply. The AC adaptor comes with attachments for Europe, North America and South America. Only use this POE on Libra MAX-SS 3X00 and Libra MAX-SS 5X00
4000-0040	POE 48 VDC for LibraPlus, Libra MAX-LT/RBS/SP	Ethernet AC/DC Adaptor and inserter. Input: 100-240VAC ~1.5A, 47-63 Hz. Output: 48VDC 1.2A. Compatible with the LibraPlus 5860, Libra MAX-LT, Libra MAX-SP, Libra MAX-RBS, Libra MAX-SS Industrial and LibraPlus 5845 Mfg. RIs Bx and later.
1220-0042	Surge Suppressor Ethernet	
1220-0029	Surge Suppressor RF 2.4GHz	Use between the Radio Unit and Antenna

PN	Product Name	Notes
1220-0031	Surge Suppressor RF 3.5GHz	Use between the Radio Unit and Antenna
1220-0025	Surge Suppressor RF 5.8GHz, Bulkhead mount, N(F) - N(F)	Use between the Radio Unit and Antenna