



Bill of Materials

ITEM	QTY.	PART NO.	DESCRIPTION
1	2	301119	RV/ Trucker Roof Mount Dualband Cell Antenna (FME-fem)
2	2	CL811201	Direct connect dualband amp, FME-Male, incl. FME-Fem adpt
3	4	ANTADPT	Ant adapter for cell data mode, FME-Male
4	4	DATA CD	3G/ 4G Data Modem Card
5	1	MAX-600	Pepwave MAX Mobile Loadbalancing Router
6	1	HG2609U	2.5 – 2.7 GHz WiMax 8.5 dBi Omni Antenna
7	1	TSAN371231	2.4 – 2.5 GHz WFi 9 dBi Omni Antenna
8	1	EXP727	Thrane & Thrane Explorer 727 BGAN Inmarsat satellite
9	1	CL859922	Dual-Band splitter/ Combiner 800-900MHz, 1850-1990 MHz

NOTES:

- Note that this is just an example generic connection. Several optimization variations are possible & recommended
- Miscellaneous cables/ connectors not shown
- See <http://www.rfwel.com/data/rv.php> for additional communication systems such as fixed wireless terminals
- Contact us @ www.rfwel.com for more information on this solution

Rfwel
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Mobile Vehicle Communication System w/ Redundancy/ Failover

Pepwave MAX Load Balancing Router w/ 6 WAN connections for Link Aggregation, Speed enhancement

DRAWN BY: RT (Engr)
APPROVED BY:

SIZE

LIC NO

DWG NO

REV

AZ ROC# 253407

BW-0000000

1A

FREQ(s): 800MHz Cellular, 1.5GHz L1,
1.9GHz PCS, 2.4GHz ISM, 2.5GHz WiMax

SCALE

NO SCALE

FRN: 0018086041

SHEET

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