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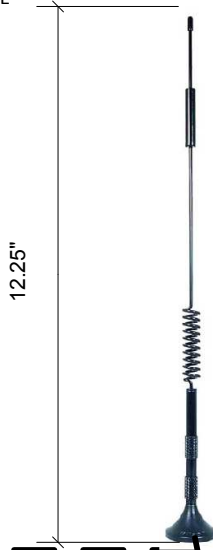
### Dualband RV/Truck RoofMount Cellular Antenna



NOTE 1.0

### Dualband Cellular Magnet Mount Antennas

Includes 10ft RG174 cable w/ FME-Female Connector



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www.rfwel.com | 480.218.1877

### Remote Mobile+Nomadic Wireless Communication System

Section 1: Overview – Cellular 3G/WiFi/LAN Router, Cellular RF BDA & MultiBand Antenna, Fixed Cellular Terminal (Cell-to-POTS/PBX)  
JOB # BWA-40721-1010

DRAWN BY: RT (Engr)	SIZE	LIC NO	DWG NO	REV
APPROVED BY:		AZ ROC # 253407	BW-407211010-001	1A
FREQ(s): 2.4GHz WiFi, 850MHz/1900MHz 3G EVDO RevA	SCALE	NO SCALE	FRN: 0018086041	SHEET 1 OF 1

Bill of Materials			
ITEM	QTY.	RFWEL SKU	DESCRIPTION
1	1	CL301119	Dual Band RV/Trucker Roof Mount Antenna w/ Spring, FME-F
2	1	951102	10ft RG-58 FME-Male/ FME-Female Coaxial Cable
3	1	CL811201	Direct Connect Dualband amplifier for Cellular/3G, FME-Male
4	1	CL859903	AC/DC 12V Power Supply Adapter for CL811201 amplifier
5	1	{NOTE 3.0}	Modem External Antenna Pigtail {NOTE 3.0}
6	1	MBR1200	Cradlepoint MBR1200 3G/4G Router
7	2	CL301103	Dualband magnet mount cell antenna 5.12 dBi / 6.12 dBi 1, FME-F
8	2	CL971106	FME-Male/ TNC-Male Connector
9	1	CLSx7TCD	Wi-Path SX7T CDMA Premise Access Transport Hub (TNC-F)
10	2	PIGMCNM19	19" Pigtail with MC/N-Male connectors
11	1	ANT24G6P5D413017	2.4GHz 6.5dBi MIMO Diversity Patch Antenna Indoor/Outdoor

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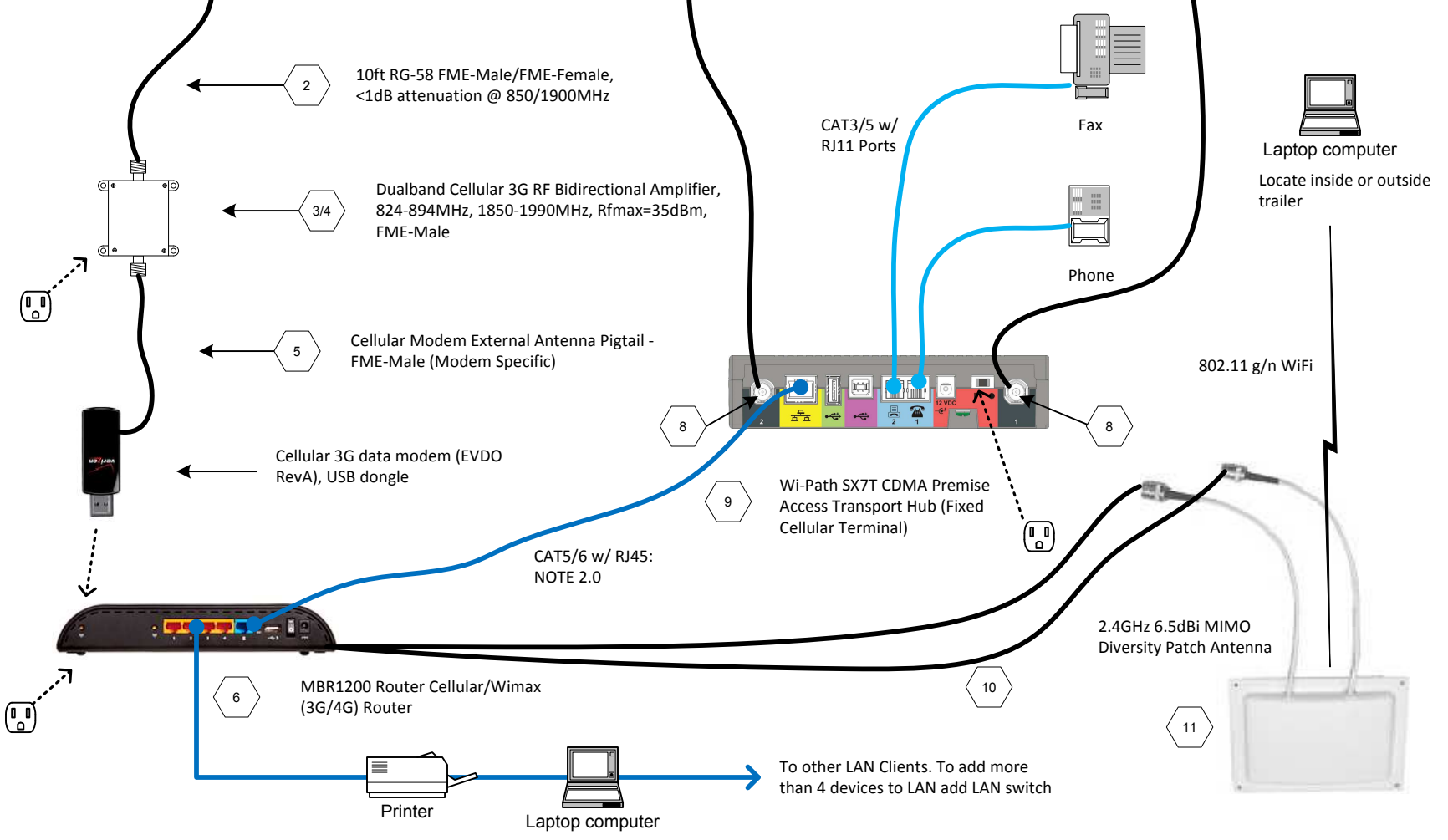
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### NOTES:

1.0 Provide maximum separation distance between antennas but no less than 1ft separation. Install at least 1ft away from any structures that would obstruct antenna radiation patterns azimuthally.

2.0 SX7T RJ45 Ethernet Port used as WAN1 to MBR1200 Router. Configure MBR1200 to use both WAN connections in a load-balancing/failover configuration (alternate connection being the Verizon USB dongle).

3.0 Modem Specific Pigtail typically with FME-Male end

### REMARKS:

A. If the vehicle body is such that the WiFi signal created by the MBR1200 is severely attenuated would need to add 3dB power splitter in each of the WiFi cable paths and connect external WiFi antennas.