

Fixed booster Flex Pro		
Outdoor Antenna		
Outdoor Antenna	Outdoor Antenna Gain	
	At 1900MHz(dBi)	At 800MHz(dBi)
CM100-S	5	4
CM230W	10	10
CM288W	4	3
CM100-L	7	5
MAX GAIN	10	10
Outdoor Cable		
Outdoor Cable	Outdoor Cable Loss	
	At 1900MHz(dB)	At 800MHz(dB)
CM240-40FN 40Feet	6.52	3.98
CM400-65NN 65Feet	5.43	3.89
MIN LOSS	5.43	3.89
indoor Antenna		
indoor Antenna	indoor Antenna Gain	
	At 1900MHz(dBi)	At 800MHz(dBi)
CM222W	6	3
CM248W	10	7
MAX GAIN	10	7
indoor Cable		
indoor Cable	indoor Cable Loss	
	At 1900MHz(dB)	At 800MHz(dB)
CM240-20FN 20Feet	3.56	2.29
CM400-40NN 40Feet	3.57	2.63
MIN LOSS	3.56	2.29

MSCL Calculations of fixed booster Flex Pro					
MSCL					
Frequency	Space Loss(dB)	Indoor Antenna Gain(dBi)	indoor Cable Loss(dB)	MSCL(dB)	Limit(dB)
UL 1850-1915	43.8	10	3.56	37.4	34
UL 824-849	36.8	7	2.29	32.1	32
Space distance(m)	2				

Space Loss=20Lgf+20Lgd-27.56dB				
	f(MHz)	d(m)	27.56dB	Space Loss(dB)
UL 1850-1915	1850	2	27.56	43.8
UL 824-849	824	2	27.56	36.8

EIRP Calculations of fixed booster Flex Pro					
Pulse GSM					
Frequency(MHz)	Output Power(dBm)	Outdoor Antenna Gain(dBi)	Outdoor Cable Loss(dB)	EIRP(dBm)	Limit(dBm)
UL 1850-1915	22.4	10	5.43	26.9	30
UL 824-849	22.0	10	3.89	28.1	30
Frequency(MHz)	Output Power(dBm)	Indoor Antenna Gain(dBi)	Indoor Cable Loss(dB)	EIRP(dBm)	Limit(dBm)
DL 1930-1995	-1.2	10	3.56	5.2	17
DL 869-894	3.8	7	2.29	8.5	17
4.1MHz AWGN					
Frequency(MHz)	Output Power(dBm)	Outdoor Antenna Gain(dBi)	Outdoor Cable Loss(dB)	EIRP(dBm)	Limit(dBm)
UL 1850-1915	20.2	10	5.43	24.8	30
UL 824-849	17.4	10	3.89	23.5	30
Frequency(MHz)	Output Power(dBm)	Indoor Antenna Gain(dBi)	Indoor Cable Loss(dB)	EIRP(dBm)	Limit(dBm)
DL 1930-1995	-1.2	10	3.56	5.2	17
DL 869-894	-1.8	7	2.29	2.9	17