

Kits For ZB545 Based Models, Including MSCL and EIRP

-5.4 CEL LOSS AT 100 FT

-8.6 PCS LOSS AT 100 FT

limit=17dB limit=30dBm

Model Number	Bands	Donor Antenna		Cable			Cable			Coverage Antenna		EIRP		MSCL Losses		MSCL
		Part Num	Gain (dBi)	Feet	Type	Loss (dB)	DL Pwr (dBm)	UL Pwr (dBm)	Feet	Type	Loss (dB)	Part Num	Gain (dBi)	path loss (dB)	Orthogonal (dB)	
ZB450	Cellular	CANT-0036	3	30 & 50	RG-6	4.32	2.9	21.2	0	n/a	0	CANT-0034	1	34	3	36
	PCS		5			6.88	2.9	19			0		1	37	3	39
ZB540	Cellular	CANT-0031	6	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0032	1	34	3	36
	PCS		8			4.6	2.9	19			0		1	37	3	39
ZB540IP	Cellular	CANT-0031	6	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0032	1	34	3	36
	PCS		8			4.6	2.9	19			0		1	37	3	39
ZB545	Cellular	CANT-0033	3	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0034	1	34	3	36
	PCS		5			4.6	2.9	19			0		1	37	3	39
ZB545M	Cellular	CANT-0036	3	15 & 35	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0034	1	40	3	42
	PCS		5			4.6	2.9	19			0		1	43	3	45
ZB545X	Cellular	CANT-0036	3	15 & 35	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX027-F	6	40	3	37.81
	PCS		5			4.6	2.9	19			1.29		8	43	3	39.29
ZB645SL-CM	Cellular	CANT-0042	10	15 & 35	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX052	1	40	3	42.81
	PCS		12			4.6	2.9	19			1.29		2	43	3	45.29
ZB645SL	Cellular	CANT-0042	10	15 & 35	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX027-F	6	40	3	37.81
	PCS		12			4.6	2.9	19			1.29		8	43	3	39.29
ZB645 Platinum	Cellular	YX026-CEL	11	50	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX027-F	6	40	3	37.81
	PCS	YX023-PCS	13			4.6	2.9	19			1.29		8	43	3	39.29
ZB645 Ultra Platinum	Cellular	YX055-CEL	15	50 & 50	RG-6	6.4	2.9	21.2	15	RG-6	0.81	YX027-F	6	40	3	37.81
	PCS	YX023-PCS	13			9.2	2.9	19			1.29		8	43	3	39.29
ZBC745	Cellular	YX026-CEL	11	50	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX027-F	6	40	3	37.81
	PCS	YX023-PCS	13			4.6	2.9	19			1.29		8	43	3	39.29
ZBC745SL-CM	Cellular	CANT-0042	10	50	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX052	1	40	3	42.81
	PCS		12			4.6	2.9	19			1.29		2	43	3	45.29
ZBC745SL	Cellular	CANT-0042	10	50	RG-6	3.2	2.9	21.2	15	RG-6	0.81	YX027-F	6	40	3	37.81
	PCS		12			4.6	2.9	19			1.29		8	43	3	39.29
ZB560P	Cellular	CANT-0028	6	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0032	1	34	3	36
	PCS		8			4.6	2.9	19			0		1	37	3	39
ZB560SL	Cellular	CANT-0042	10	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0032	1	34	3	36
	PCS		12			4.6	2.9	19			0		1	37	3	39
ZB560Y	Cellular	YX026-CEL	11	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0032	1	34	3	36
	PCS		0			4.6	2.9	19			0		1	37	3	39
ZBC3500	Cellular	CANT-0036	3	50	RG-6	3.2	2.9	21.2	0	n/a	0	CANT-0032	1	34	3	36
	PCS		5			4.6	2.9	19			0		1	37	3	39

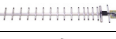
EIRP = Power transmitted - cable loss + donor antenna gain

MSCL = Cable loss - coverage antenna gain + path loss + orthogonal loss

Path loss = over the air loss for 1 meter for CANT-0034 antenna and 2 meters for YX027-F antenna

Orthogonal loss = Loss due to booster antenna being orthogonal and mobile device not matching

Antenna Technical Information

Image	Part#	Internal/ External	Frequency 1	Gain 1	Beamwidth 1	Frequency 2	Gain 2	Beamwidth 2	Polarization	Connector	VSWR	ZB450	ZB540	ZB540IP	ZB545	ZB545M	ZB545X	ZB645- CM	ZB645SL	ZB645SL- CM	ZB645 Platinum	ZB645 Ultra Platinum	ZBC745	ZBC745SL	ZBC745SL-CM	ZB560P	ZB560SL	ZB560Y	ZB560FCS	ZBC3500
	YX021-CEL	external	824-894 MHz	8dBi	60 degrees				60 Vertical	Type F-female	<= 1.5 : 1																			
	YX023-PCS	external				1850-1990 MHz	13dBi	35 degrees	Vertical	Type F-female	<= 1.5 : 1									X	X		X							
	YX026-CEL	external	824-894 MHz	11dBi	40 degrees				Vertical	Type F-female	<= 1.5 : 1									X			X						X	
	YX055-CEL	external	824-894 MHz	15dBi	27 degrees				Vertical	Type F-female	<= 1.5 : 1																			X
	CANT-0041	external	824-960 MHz	8dBi	60 degrees	1710 ~1990MHz	10.5dBi	60 degrees	vertical	Type F-female	<= 1.3 : 1									X										
	CANT-0028	external	824-960 MHz	6dBi	72 degrees	1710-2170MHz	8dBi	60 degrees	vertical	Type F-female	<= 1.5 : 1																X			
	CANT-0036	external	824 ~ 996 MHz	3dBi	360 degrees	1850-1990 MHz	5dBi	360 degrees	Vertical	Type F-female	<= 1.5 : 1		X				X	X												X
	YX039-PCS-CEL	external	824 - 896 MHz	8dBi	60 degrees	1850 ~ 1990 MHz	13dBi	35 degrees	Vertical	Type F-female	<= 1.5 : 1								X											
	YX027-PCS-CEL	internal	824-960 MHz	6dBi	72 degrees	1710-2170MHz	8dBi	60 degrees	Vertical	TNC Male	<= 1.5 : 1																			
	YX027-F	internal	824-960 MHz	6dBi	72 degrees	1710-2170MHz	8dBi	60 degrees	Vertical	Type F-female	<= 1.5 : 1						X		X		X	X	X	X						X
	YX050-PCS-CEL	internal	806-960 MHz	1dBi	360 degrees	1710-2500 MHz	2dBi	360 degrees	Vertical	TNC Male	<= 1.5 : 1																			
	YX052	internal	806-960 MHz	1dBi	360 degrees	1710-2500 MHz	2dBi	360 degrees	Vertical	Type F-female	<= 1.5 : 1							X		X						X				
	CANT-0033 (YX545)	external	824 ~ 996 MHz	3dBi	360 degrees	1850-1990 MHz	5dBi	360 degrees	Vertical	Type F-female	<= 1.5 : 1																			
	CANT-0031 (YX540)	external	824-960 MHz	6dBi	72 degrees	1710-2170MHz	8dBi	60 degrees	vertical	Type F-female	<= 1.5 : 1			X		X														
	CANT-0040 (YX550)	external	704-895 MHz	3dBi	360 degrees	1710-2155	5dBi	360 degrees	vertical	Type F-female	<=3.5 : 1																			
	CANT-0034 (YX545)	internal	824-960 MHz	1dBi	360 degrees	1710-1990 MHz	1dBi	360 degrees	vertical	TNC male	<3.0 : 1		X				X	X												X
	CANT-0032 (YX540)	internal	824-896 MHz	1dBi	360 depress	1850-1990 MHz	1dBi	360 degrees	vertical	TNC male	<= 2.5 : 1			X		X										X	X		X	
	CANT-0039 (YX550)	internal	704-895 MHz	1dBi	360 degrees	1710-2155 MHz	1 dBi	360 degrees	vertical	TNC male	<= 3.3 : 1																			
	CANT-0042	external	698-960 MHz	10dBi	50 degrees	1710-2700 MHz	12dBi	45 degrees	Vertical	Type F-female	<= 1.3 : 1								X					X	X		X			

ZB450 Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB450	Cellular	CANT-0036	30 & 50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0034	1
		0		1

MSCL Losses	
path loss	Orthogonal
34	3
37	3

MSCL (dB)
36
39

Donor Antenna Accessories

Cellular	CANT-0028	30 & 50	RG-6
PCS			
Cellular	CANT-0031	30 & 50	RG-6
PCS			
Cellular	CANT-0033	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0040	30 & 50	RG-6
PCS			
Cellular	CANT-0041	30 & 50	RG-6
PCS			
Cellular	CANT-0042	30 & 50	RG-6
PCS			
Cellular	YX021-CEL	30 & 50	RG-6
PCS			
Cellular	YX023-PCS	30 & 50	RG-6
PCS			
Cellular	YX026-CEL	30 & 50	RG-6
PCS			
Cellular	YX039-CEL-PCS	30 & 50	RG-6
PCS			

0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1

Coverage Antenna Accessories

Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			
Cellular	CANT-0036	30 & 50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB540 Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB540	Cellular	CANT-0031	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0032	1
		0		1

MSCL Losses	
path loss	Orthogonal
34	3
37	3

MSCL (dB)
36
39

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1

Coverage Antenna Accessories

Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB540IP Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB540IP	Cellular	CANT-0031	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0032	1
		0		1

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
34	3	36
37	3	39

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1

Coverage Antenna Accessories

Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB545 Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB545	Cellular	CANT-0033	50	RG-6
	PCS			

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

Coverage Antenna Accessories

Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0034	1
		0		1

0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
34	3	36
37	3	39

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB545M Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB545M	Cellular	CANT-0036	15 & 35	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0034	1
		0		1

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
34	3	36
37	3	39

Donor Antenna Accessories

Cellular	CANT-0028	15 & 35	RG-6
PCS			
Cellular	CANT-0031	15 & 35	RG-6
PCS			
Cellular	CANT-0033	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0040	15 & 35	RG-6
PCS			
Cellular	CANT-0041	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	YX021-CEL	15 & 35	RG-6
PCS			
Cellular	YX023-PCS	15 & 35	RG-6
PCS			
Cellular	YX026-CEL	15 & 35	RG-6
PCS			
Cellular	YX039-CEL-PCS	15 & 35	RG-6
PCS			

0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1

Coverage Antenna Accessories

Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB545X Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB545X	Cellular	CANT-0036	15 & 35	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX027-F	6
		1.29		8

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
40	3	37.81
43	3	39.29

Donor Antenna Accessories

Cellular	CANT-0028	15 & 35	RG-6
PCS			
Cellular	CANT-0031	15 & 35	RG-6
PCS			
Cellular	CANT-0033	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0040	15 & 35	RG-6
PCS			
Cellular	CANT-0041	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	YX021-CEL	15 & 35	RG-6
PCS			
Cellular	YX023-PCS	15 & 35	RG-6
PCS			
Cellular	YX026-CEL	15 & 35	RG-6
PCS			
Cellular	YX039-CEL-PCS	15 & 35	RG-6
PCS			

15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8

Coverage Antenna Accessories

Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB645SL-CM Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB645SL-CM	Cellular	CANT-0042	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX052	1
		1.29		2

MSCL Losses	
path loss	Orthogonal
40	3
43	3

MSCL (dB)
42.81
45.29

Donor Antenna Accessories

Cellular	CANT-0028	15 & 35	RG-6
PCS			
Cellular	CANT-0031	15 & 35	RG-6
PCS			
Cellular	CANT-0033	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0040	15 & 35	RG-6
PCS			
Cellular	CANT-0041	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	YX021-CEL	15 & 35	RG-6
PCS			
Cellular	YX023-PCS	15 & 35	RG-6
PCS			
Cellular	YX026-CEL	15 & 35	RG-6
PCS			
Cellular	YX039-CEL-PCS	15 & 35	RG-6
PCS			

15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2

Coverage Antenna Accessories

Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB645SL Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB645SL	Cellular	CANT-0042	15 & 35	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX027-F	6
		1.29		8

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
40	3	37.81
43	3	39.29

Donor Antenna Accessories

Cellular	CANT-0028	15 & 35	RG-6
PCS			
Cellular	CANT-0031	15 & 35	RG-6
PCS			
Cellular	CANT-0033	15 & 35	RG-6
PCS			
Cellular	CANT-0036	15 & 35	RG-6
PCS			
Cellular	CANT-0040	15 & 35	RG-6
PCS			
Cellular	CANT-0041	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	YX021-CEL	15 & 35	RG-6
PCS			
Cellular	YX023-PCS	15 & 35	RG-6
PCS			
Cellular	YX026-CEL	15 & 35	RG-6
PCS			
Cellular	YX039-CEL-PCS	15 & 35	RG-6
PCS			

15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8

Coverage Antenna Accessories

Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			
Cellular	CANT-0042	15 & 35	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB645 Platinum Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB645 Platinum	Cellular	YX026-CEL	50	RG-6
	PCS	YX023-PCS		

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX027F	6
		1.29		8

MSCL Losses	
path loss	Orthogonal
40	3
43	3

MSCL (dB)
37.81
39.29

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8

Coverage Antenna Accessories

Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	
34	3	36
37	3	
34	3	36
37	3	
40	3	38.26
43	3	
40	3	37.81
43	3	
40	3	42
43	3	
40	3	42
43	3	

Coaxial Cable Accessories - all cables reduce the EIRP

ZB645 Ultra Platinum Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB645 Ultra Platinum	Cellular	YX055-CEL	50	RG-6
	PCS	YX023-PCS		

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX027F	6
		1.29		8

MSCL Losses	
path loss	Orthogonal
40	3
43	3

MSCL (dB)
37.81
39.29

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8

Coverage Antenna Accessories

Cellular	YX055-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX055-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX055-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX055-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX055-CEL	50	RG-6
PCS	YX023-PCS		

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZBC745 Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZBC745	Cellular	YX026-CEL	50	RG-6
	PCS	YX023-PCS		

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX027F	6
		1.29		8

MSCL Losses	
path loss	Orthogonal
40	3
43	3

MSCL (dB)
37.81
39.29

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8

Coverage Antenna Accessories

Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		
Cellular	YX026-CEL	50	RG-6
PCS	YX023-PCS		

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	
34	3	39
37	3	
34	3	36
37	3	
34	3	36
37	3	
34	3	39
37	3	
40	3	38.26
43	3	
40	3	40.6
43	3	
40	3	37.81
43	3	
40	3	39.29
43	3	
40	3	42
43	3	
40	3	44
43	3	

Coaxial Cable Accessories - all cables reduce the EIRP

ZBC745SL-CM Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZBC745SL-CM	Cellular	CANT-0042	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX052	1
		1.29		2

MSCL Losses	
path loss	Orthogonal
40	3
43	3

MSCL (dB)
42.81
45.29

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2
15	RG-6	0.81	YX052	1
		1.29		2

Coverage Antenna Accessories

Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZBC745SL Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZBC745SL	Cellular	CANT-0042	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
15	RG-6	0.81	YX027F	6
		1.29		8

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
40	3	37.81
43	3	39.29

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8
15	RG-6	0.81	YX027-F	6
		1.29		8

Coverage Antenna Accessories

Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

ZB560P Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB560P	Cellular	CANT-0028	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0032	1
		0		1

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
34	3	36
37	3	39

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1

Coverage Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0028	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB560SL Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB560SL	Cellular	CANT-0042	50	RG-6
	PCS			

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

Coverage Antenna Accessories

Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0032	1
		0		1

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

MSCL Losses	
path loss	Orthogonal
34	3
37	3

MSCL (dB)
36
39

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZB560Y Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZB560Y	Cellular	YX026-CEL	50	RG-6
	PCS			

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0032	1
		0		1

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
34	3	36
37	3	39

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0032	1
		0		1

Coverage Antenna Accessories

Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP

ZBC3500 Kit Information

Kit	Bands	Donor Antenna	Cable	
		Part Num	Feet	Type
ZBC3500	Cellular PCS	CANT-0036	50	RG-6

Cable			Coverage Antenna	
Feet	Type	Loss (dB)	Part Num	Gain (dBi)
0	n/a	0	CANT-0034	1
		0		1

MSCL Losses		MSCL
path loss	Orthogonal	(dB)
34	3	36
37	3	39

Donor Antenna Accessories

Cellular	CANT-0028	50	RG-6
PCS			
Cellular	CANT-0031	50	RG-6
PCS			
Cellular	CANT-0033	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0040	50	RG-6
PCS			
Cellular	CANT-0041	50	RG-6
PCS			
Cellular	CANT-0042	50	RG-6
PCS			
Cellular	YX021-CEL	50	RG-6
PCS			
Cellular	YX023-PCS	50	RG-6
PCS			
Cellular	YX026-CEL	50	RG-6
PCS			
Cellular	YX039-CEL-PCS	50	RG-6
PCS			

0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0034	1
		0		1

Coverage Antenna Accessories

Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			
Cellular	CANT-0036	50	RG-6
PCS			

0	n/a	0	CANT-0032	1
		0		1
0	n/a	0	CANT-0034	1
		0		1
0	n/a	0	CANT-0039	1
		0		1
10	RG-8X	1.26	YX027-PCS-CEL	6
		2.6		8
15	RG-6	0.81	YX027-F	6
		1.29		8
0	n/a	0	YX050-PCS-CEL	1
		0		2
0	n/a	0	YX052	1
		0		2

34	3	36
37	3	39
34	3	36
37	3	39
34	3	36
37	3	39
40	3	38.26
43	3	40.6
40	3	37.81
43	3	39.29
40	3	42
43	3	44
40	3	42
43	3	44

Coaxial Cable Accessories - all cables reduce the EIRP