

Wireless Accessories

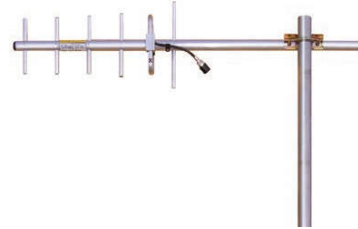
900 MHz Antennas



Representative Photo



Representative Photo



Representative Photo

Whip and Dipole

Gain	Type	Frequency Range	Description	Connector Type	Part No.
-2dBd	WI-ANT-900MHZ-0DBDUCKSMAM	806-960MHz	Direct attach	SMA male	6720005232
-2dBd	WI-ANT-DPL-DG900-1	900-930MHz	Mount Bkt & 3ft cable	SMA male	6720005086
0dBd	WI-ANT-DEMO-900	900-930MHz	Direct attach	SMA male	6720005089
0dBd	WI-ANT-DPL-0-16	853-930MHz	Mount Bkt & 15ft cable	SMA male	6720005080
3dBd	WI-ANT-900MHZ-3DBSTUBMAG	896-940MHz	Only use with MAG Base 6720005263	Determined by MAG BASE	6720005230
3dBd	WI-ANT-0.9/2.4GHZ-3/4DBMOBILE	902-928MHz (Dual Band)	Only use with thru-panel base 6720005277	Determined by Base (NFemale)	6720005276

Omni

Gain	Type	Frequency Range	Description	Connector Type	Part No.
0dBd	WI-ANT-900MHZ-0DBOMNINF	902-925MHz	Inc. 6720005271 clamp/brkt	N-Type Female	6720005233
3dBd	WI-ANT-900MHZ-3DBOMNINF	902-925MHz	Inc. 6720005271 clamp/brkt	N-Type Female	6720005234
5dBd	WI-ANT-900MHZ-5DBOMNINF	902-925MHz	Inc. 6720005271 clamp/brkt	N-Type Female	6720005235
7dBd	WI-ANT-900MHZ-7DBOMNINF	902-925MHz	Inc. 6720005272 clamp/brkt	N-Type Female	6720005236
3dBd	WI-ANT-950MHz-3dbdOMNINF	890-960MHz	Inc. attached clamp/brkt	N-Type Female	6720005273
5dBd	WI-ANT-950MHz-5dbdOMNINF	890-960MHz	Inc. attached clamp/brkt	N-Type Female	6720005274
7dBd	WI-ANT-950MHz-7dbdOMNINF	890-960MHz	Inc. attached clamp/brkt	N-Type Female	6720005275

Directional

Gain	Type	Frequency Range	Description	Connector Type	Part No.
3dBd	WI-ANT-900MHZ-3DBYAGINF	890-960MHz	Inc. 6720005266 clamp/brkt	N-Type Female	6720005219
6.5dBd	WI-ANT-900MHZ-6.5DB-2*YAGINF	890-960MHz	Inc. 6720005266 clamp/brkt	N-Type Female	6720005221
10dBd	WI-ANT-900MHZ-10DB-2*YAGINF	890-960MHz	Inc. 6720005266 clamp/brkt	N-Type Female	6720005223
12dBd	WI-ANT-900MHZ-12DB-2*YAGINF	890-960MHz	Inc. 6720005266 clamp/brkt	N-Type Female	6720005225
14dBd	WI-ANT-900MHZ-14DB-2*YAGINF	890-960MHz	Inc. 6720005267 clamp/brkt	N-Type Female	6720005226

2.4 GHz Antennas



Representative Photo



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Whip and Dipole

Gain	Type	Frequency Range	Description	Connector Type	Part No.
0dBi	WI-ANT-DEMO-2400	2.2-2.5GHz	Direct attach	SMA male	6720005099
2dBi	WI-ANT-24GHZ-2DB DUCK SMA-M	2.2-2.5GHz	Direct attach	SMA male	6720005207
3dBi	WI-ANT-24GHZ-3DB FOR MAG BASE	2.2-2.9GHz	Use with MAG base 6720005263	N-Type Female	6720005208
4dBd	WI-ANT-0.9/2.4GHZ-3/4DB MOBILE	2.4-2.5GHz (Dual Band)	Only use with thru-panel base 6720005277	Determined by Base (N Female)	6720005276

Omni

Gain	Type	Frequency Range	Description	Connector Type	Part No.
4dBi	WI-ANT-24GHZ-4DB OMNI NF	2.4-2.5GHz	Inc. 6720005210 clamp/brkt	N-Type Female	6720005200
6dBi	WI-ANT-24GHZ-6DB OMNI NF	2.4-2.5GHz	Inc. 6720005210 clamp/brkt	N-Type Female	6720005201
6dBi	IE-ANT-O-BG-360-6-NF	2.4-2.5GHz	Inc. clamp/brkt	N-Type Female	1367090000
7dBi	IE-ANT-O-ABG-360-7-NF	2.4-5.8GHz (Dual Band)	Low Profile - Inc. clamp/brkt	N-Type Female	1367130000
8dBi	WI-ANT-24GHZ-8DB OMNI NF	2.4-2.5GHz	Inc. 6720005210 clamp/brkt	N-Type Female	6720005204
10dBi	WI-ANT-24GHZ-10DB OMNI NF	2.4-2.5GHz	Inc. 6720005210 clamp/brkt	N-Type Female	6720005202
12dBi	WI-ANT-24GHZ-12DB OMNI NF	2.4-2.5GHz	Inc. 6720005211 clamp/brkt	N-Type Female	6720005203

Directional

Gain	Type	Frequency Range	Description	Connector Type	Part No.
9dBi	IE-ANT-P-ABG-75-9-NF	2.4-5.8GHz (Dual Band)	Inc. attached clamp/brkt	N-Type Female	1367140000
9dBi (60°)	WI-ANT-24GHZ-9DB DFP 2*NF	2.3-2.5GHz	Inc. attached clamp/brkt	N-Type Female	6720005212
10dBi	WI-ANT-24GHZ-10DB YAGI NF	2.4-2.5GHz	Inc. attached clamp/brkt	N-Type Female	6720005205
13dBi (35°)	WI-ANT-24GHZ-13DB DFP 2*NF	2.3-2.5GHz	Inc. attached clamp/brkt	N-Type Female	6720005213
14dBi	WI-ANT-24GHZ-14DB YAGI NF	2.4-2.5GHz	Inc. attached clamp/brkt	N-Type Female	6720005206
18dBi (18°)	WI-ANT-24GHZ-18DB DFP 2*NF	2.3-2.5GHz	Inc. attached clamp/brkt	N-Type Female	6720005214

5.8 GHz Antennas



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Whip and Dipole

Gain	Type	Frequency Range	Description	Connector Type	Part No.
4dBi	WI-ANT-5.8GHZ-4DB MOBILE	4.9-5.9GHz	Only use with thru-panel base 6720005277	Determined by Base (N Female)	6720005278

Omni

Gain	Type	Frequency Range	Description	Connector Type	Part No.
5dBi	IE-ANT-O-AH-360-5-NF	5.1-5.875GHz	Inc. clamp/brkt	N-Type Female	1367120000
7dBi	IE-ANT-O-ABG-360-7-NF	2.4-5.8GHz (Dual Band)	Low Profile - Inc. clamp/brkt	N-Type Female	1367130000
7dBi	WI-ANT-5.8GHZ-7DB OMNI NF	5.15-5.875GHz	Inc. attached clamp/brkt	N-Type Female	6720005283
10dBi	WI-ANT-5.8GHZ-10DB OMNI NF	5.15-5.875GHz	Inc. attached clamp/brkt	N-Type Female	6720005284

Directional

Gain	Type	Frequency Range	Description	Connector Type	Part No.
9dBi	IE-ANT-P-ABG-75-9-NF	2.4-5.8GHz (Dual Band)	Inc. attached clamp/brkt	N-Type Female	1367140000
9dBi	WI-ANT-5.8GHZ-9DB DFP 2'NF	4.9-5.85GHz	Inc. attached clamp/brkt	N-Type Female	6720005280
11dBi	WI-ANT 5.8GHZ 11DB FLAT PATCH	5.7-5.875GHz	Inc. attached clamp/brkt	N-Type Female	6720005130
13dBi	WI-ANT-5.8GHZ-13DB DFP 2'NF	4.9-5.85GHz	Inc. attached clamp/brkt	N-Type Female	6720005281
18dB / 20dB	WI-ANT-5.8GHZ-20DB DFP 2'NF	4.9-5.85GHz	Inc. attached clamp/brkt	N-Type Female	6720005282

300-500MHz Antennas

Omni

Gain	Type	Frequency Range	Description	Connector Type	Part No.
5dBd	WI-ANT-440MHZ-5DB OMNI NF	430-470MHz	Inc. attached clamp/brkt	N-Type Female	6720005439
3dBd	WI-ANT-450MHZ-3DB OMNI NF	450-460MHz	Inc. attached clamp/brkt	N-Type Female	6720005440
5dBd	WI-ANT-450MHZ-5DB OMNI NF	450-460MHz	Inc. attached clamp/brkt	N-Type Female	6720005436

Directional

Gain	Type	Frequency Range	Description	Connector Type	Part No.
10dBd	WI-ANT-390Mhz-10dbdYAGINF	375-403Mhz	Inc. attached clamp/brkt	N-Type Female	6720005441
6.5dBd	WI-ANT-420Mhz-6dbdYAGINF	406-440Mhz	Inc. attached clamp/brkt	N-Type Female	6720005442
9dBd	WI-ANT-420Mhz-9dbdYAGINF	406-440Mhz	Inc. attached clamp/brkt	N-Type Female	6720005443
6.5dBd	WI-ANT-470Mhz-6dbdYAGINF	440-490MHZ	Inc. attached clamp/brkt	N-Type Female	6720005444
9dBd	WI-ANT-470Mhz-9dbdYAGINF	440-490MHZ	Inc. attached clamp/brkt	N-Type Female	6720005445
10dBd	WI-ANT-450MHZ-10DB YAGI	450-470MHz	Inc. attached clamp/brkt	N-Type Female	6720005435
9dBd	WI-ANT-470Mhz-9dbdYAGINF	470-512MHz	Inc. attached clamp/brkt	N-Type Female	6720005446

Cellular Band Antennas

Whip and Dipole

Gain	Type	Frequency Range	Description	Connector Type	Part No.
0dBi	WI-ANT-900MHZ-ODBDUCKSMAM	806-960/ 1710-2170MHz	0dB STUB GSM ANT 806/2017MHz SMA	SMA Male	6720005232
2dBi	WI-ANT-GSM-2DB LP	824-896MHz / 1710-1990MHZ	LOW-PROF GSM w/ 5m SMA-M CBL	SMA Male	6720005451
3dBi	WI-ANT-GSM-LTE-3DB MOBILE	698-2700MHz	LTE 698-2700Mhz ANT - Base 6720005277	Determined by Base (N Female)	6720005450

Omni

Gain	Type	Frequency Range	Description	Connector Type	Part No.
2dBi	IE-ANT-3G-806-2170-2-NF	806-960/ 1710-2170MHz	Omni (GSM / UMTS) Inc. attached clamp/brkt	N-Type Female	1491160000
4dBi	IE-ANT-3G-806-2500-4-NF	806-960/ 1710-2170MHz	Omni thru-panel IP66	N-Type Female	1491170000

Selection Guide

Cables

Detailed cable specifications on pages 90 and 91.



Cable Length (ft)	Connector Type	dB Loss 900Mhz	dB Loss 2.4GHz	dB Loss 5.8GHz	Cable Type	Type	Part No.
1	SMA male - SMA male	0.1	0.2	0.3	PFP 195	WI-ACC-TYP195-1FT SMA M-SMA M	6720005243
2	SMA male - SMA male	0.2	0.4	0.7	PFP 195	WI-ACC-TYP195-2FT SMA M-SMA M	6720005244
3	SMA male - SMA male	0.3	0.6	1.0	PFP 195	WI-ACC-TYP195-3FT SMA M-SMA M	6720005245
1	SMA male - N male	0.1	0.2	0.3	PFP 195	WI-ACC-TYP195-1FT SMA M-NM	6720005270
2	SMA male - N male	0.2	0.4	0.7	PFP 195	WI-ACC-TYP195-2FT SMA M-NM	6720005260
3	SMA male - N male	0.4	0.6	1.0	PFP 195	WI-ACC-TYP195-3FT SMA M-NM	6720005259
10	SMA male - N male	1.2	2.0	3.4	PFP 400	WI-ACC-TYP400-10FT SMA M-NM	6720005240
25	SMA male - N male	2.8	4.8	8.2	PFP 400	WI-ACC-TYP400-25FT SMA M-NM	6720005241
40	SMA male - N male	4.5	7.7	13.1	PFP 400	WI-ACC-TYP400-40FT SMA M-NM	6720005242
1	N male - N male	0.1	0.2	0.2	PFP 400	WI-ACC-TYP195-1FT NM-NM	6720005246
2	N male - N male	0.2	0.4	0.4	PFP 400	WI-ACC-TYP195-2FT NM-NM	6720005247
3	N male - N male	0.3	0.6	0.6	PFP 400	WI-ACC-TYP195-3FT NM-NM	6720005248
10	N male - N male	0.4	0.7	1.1	PFP 400	WI-ACC-TYP400-10FT NM-NM	6720005251
25	N male - N male	1.0	1.7	2.7	PFP 400	WI-ACC-TYP400-25FT NM-NM	6720005252
40	N male - N male	1.6	2.7	4.3	PFP 400	WI-ACC-TYP400-40FT NM-NM	6720005253
55	N male - N male	2.1	3.7	5.9	PFP 400	WI-ACC-TYP400-55FT NM-NM	6720005254
75	N male - N male	3.0	5.2	8.1	PFP 400	WI-ACC-TYP400-75FT NM-NM	6720005255
100	N male - N male	3.8	6.7	10.8	PFP 400	WI-ACC-TYP400-100FT NM-NM	6720005256
200	N male - N male	5.0	9.6	N/A	PFP 600	WI-ACC-TYP600-200FT NM-NM	6720005257

Other Cables

Length	Description	Type	Connector Type	Part No.
2m (6 ft.)	Cable	IE-CC-NM-RPSMAM-2M	RP-SMA to N male	1367110000
4m (12 ft.)	Cable	IE-CC-NM-RPSMAM-4M	RP-SMA to N male	1367100000
2m (6 ft.)	Cable	IE-CC-NM-SMAM-2M	SMA male to N male	1491180000
4m (12 ft.)	Cable	IE-CC-NM-SMAM-4M	SMA male to N male	1491190000
6m (18 ft.)	Cable	IE-CC-NM-SMAM-6M	SMA male to N male	1491210000

Hardware



Description	For use with	Type	Part No.
DB9 Female RJ45 Serial Configuration Cable	WH/O 9-L units	WI-CSER-RJ45	6720005108
Antenna Mounting Brackets			
Angled Bracket for 4, 6, and 10 dBi 2.4 MHz Omnis	2.4 GHz antennas	WI-ACC-24GHZ-4610DB-ANG-BRKT	6720005209
Straight Bracket for 4, 6, and 10 dBi 2.4 MHz Omnis	2.4 GHz antennas	WI-ACC-24GHZ-4610DB-STR-BRKT	6720005210
Mounting Bracket for part number 6720005203	2.4 GHz antennas	WI-ACC-24GHZ-12DB-STR-BRKT	6720005211
Antenna MAG Base with 12' SMA male cable	2.4 GHz & 900 MHz antennas	WI-ACC-MAGBASE 12 RG58 SMA MALE	6720005263
Mounting Bracket for parts 6720005228 and 6720005229	900 MHz antennas	WI-ACC-900MHZ-OMNI-STR-BRKT	6720005268
Mounting Bracket for 900MHz 6.5, 10, 12 dBd Yagis	900 MHz antennas	WI-ACC-900MHZ-YAGI-STR-BRKT	6720005266
Mounting Bracket for part number 6720005226	900 MHz antennas	WI-ACC-900MHZ-14YAGI-STR-BRKT	6720005267
Mounting Bracket for part numbers 6720005233, 6720005234, 6720005235	900 MHz antennas	WI-ACC-900MHZ-035OMNI-STR-BRKT	6720005271
Mounting Bracket for part number 6720005236	900 MHz antennas	WI-ACC-900MHZ-70MNI-STR-BRKT	6720005272
Thru-panel mounting base for low profile antennas	6720005276 & 6720005278	WI-ACC-BH-BASE 5/8 HOLE NF	6720005277
Surge Protection & Bulkhead Mounts			
125-1000 MHz Surge Polyphaser N female - N female	Bulkhead & Surge ≤ 1 GHz	WI-ACC-125-1000MHZ SURGE NF-NF	6720005261
2-6 GHz Surge Polyphaser N female - N female	Bulkhead & Surge ≥ 2 GHz	WI-ACC-2-6GHZ SURGE NF-NF	6720005262
Bulkhead Adapter N female -N female	Bulkhead	WI-ACC-BULK-ADAPT NF-NF	6720005250
Bulkhead Adapter SMA female - SMA female	Bulkhead	WI-ACC-BULK SMA F - SMA F	6720005296
Class 1 Division 1 Bulkhead SMA male - SMA female	Bulkhead	WI-ACC-BULK-C1D1 SMA M - SMA M	6720005298
Class 1 Division 1 Bulkhead SMA male - N male	Bulkhead	WI-ACC-BULK-C1D1 SMA M - NM	6720005299
SMA male to SMA female <2.5GHz (direct radio connection)	2.4 GHz & 900 MHz antennas	WI-DIV-CCMA	6720005111
Bandpass Filters			
Outdoor rated 900Mhz Band Pass Filter	900 MHz antennas	WI-ACC 900MHZ BAND PASS FILTER	6720005120
Outdoor rated 2.4Ghz Band Pass Filter	2.4 GHz antennas	WI-ACC 2.4GHZ BAND PASS FILTER	6720005121
Outdoor rated 5.8Ghz Band Pass Filter	5.8 GHz antennas	WI-ACC 5.8GHZ BAND PASS FILTER	6720005122

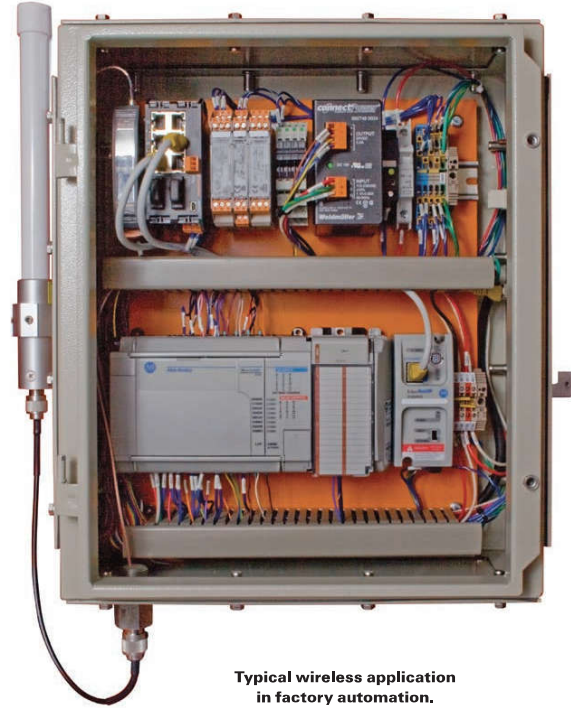
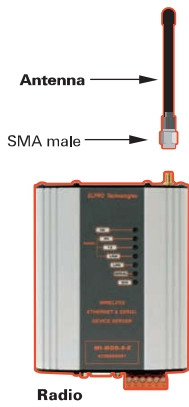
Adapters

Description	Type	Part No.
Reverse-Polarity SMA Male – SMA Female	WI-ACC-ADAPT RP-SMA M - SMA F	6720005289
SMA male - SMA male Adapter	WI-ACC-ADAPT SMA M - SMA M	6720005290
SMA female - SMA female Adapter	WI-ACC-ADAPT SMA F - SMA F	6720005291
N male - N male Adapter	WI-ACC-ADAPT NM - NM	6720005292
N female - N female Adapter	WI-ACC-ADAPT NF - NF	6720005293
SMA female - N male Adapter	WI-ACC-ADAPT SMA F - NM	6720005294
SMA male - N female Adapter	WI-ACC-ADAPT SMA M - NF	6720005295
SMA female - SMA male Angled Adapter	WI-ACC-ADAPT SMA F - SMA M ANGL	6720005297

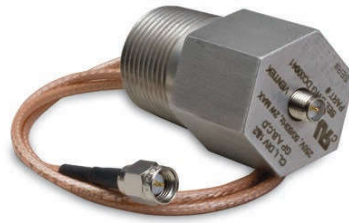
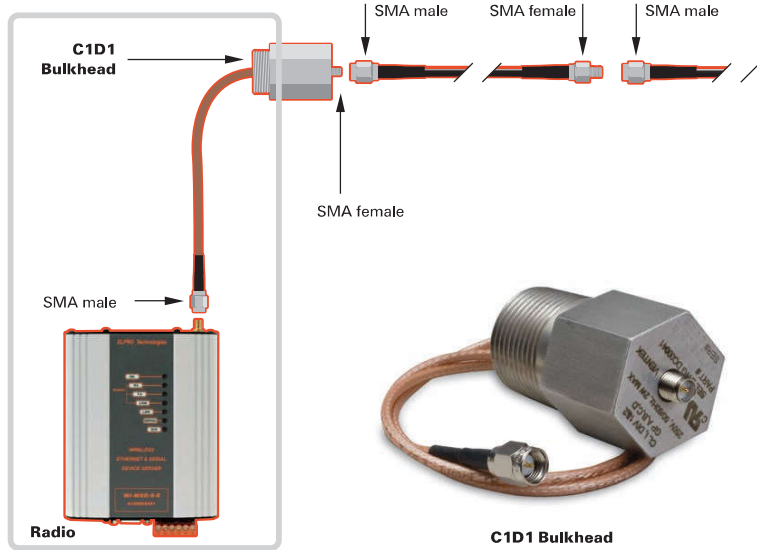


Connection Diagrams

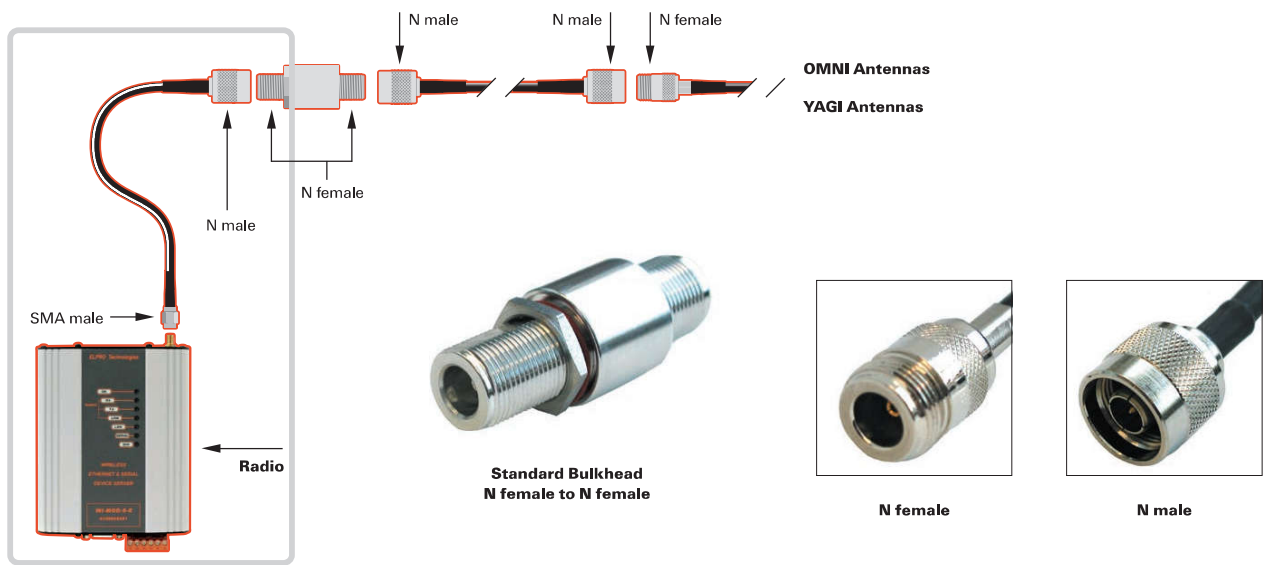
Direct Connect



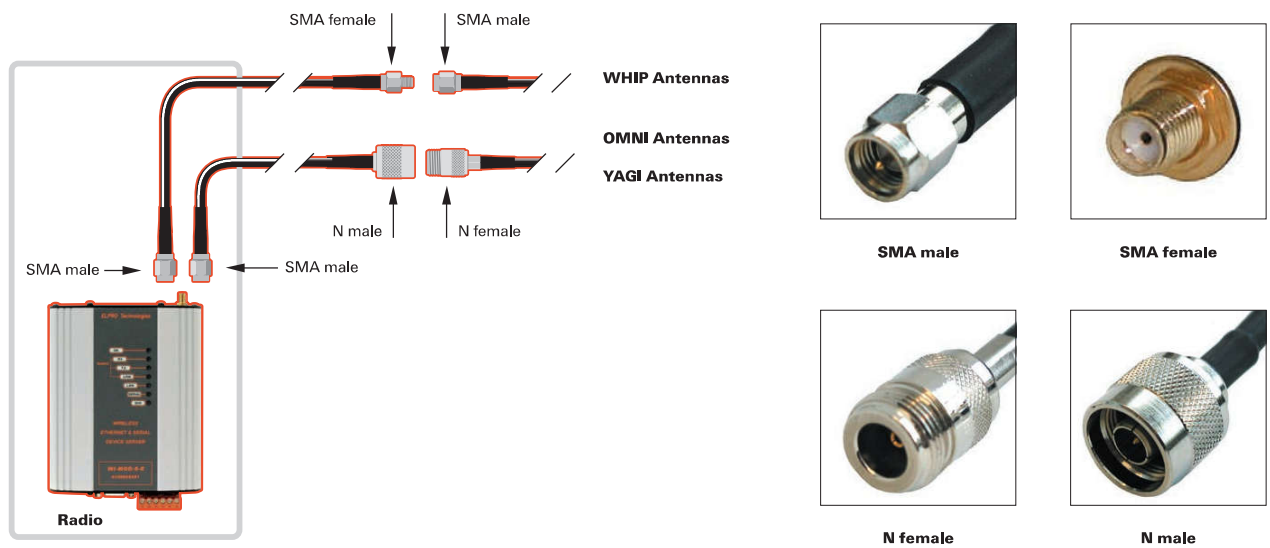
Enclosure with C1D1 Bulkhead



Enclosure with Standard Bulkhead & Surge Arrestor

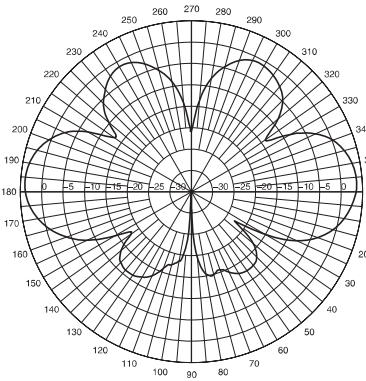


Enclosure without Bulkhead (non-direct)

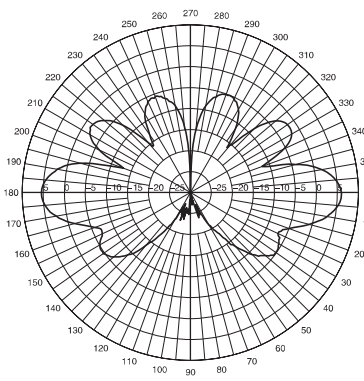


Radiation Patterns

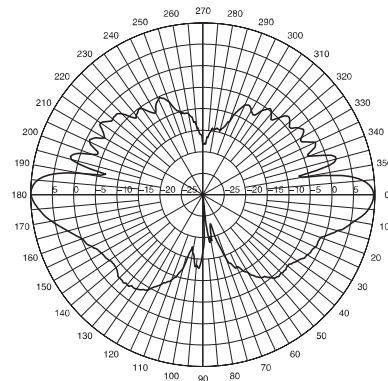
2.4 GHz Omni Antennas



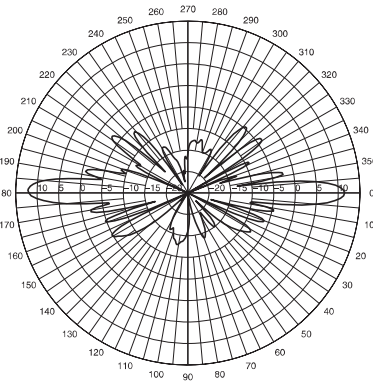
6720005200 Elevation Pattern



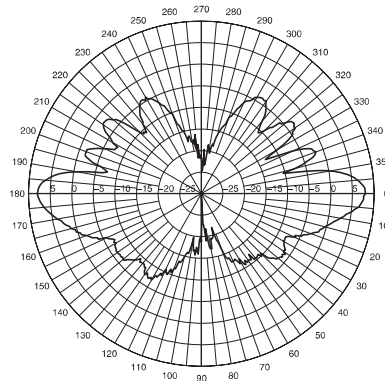
6720005201 Elevation Pattern



6720005202 Elevation Pattern

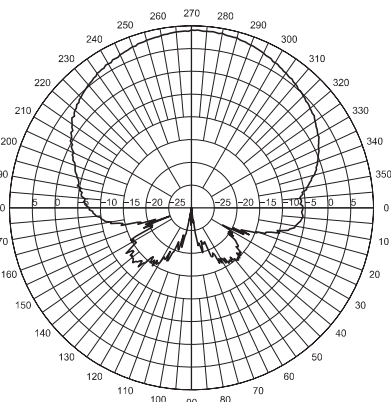


6720005203 Elevation Pattern

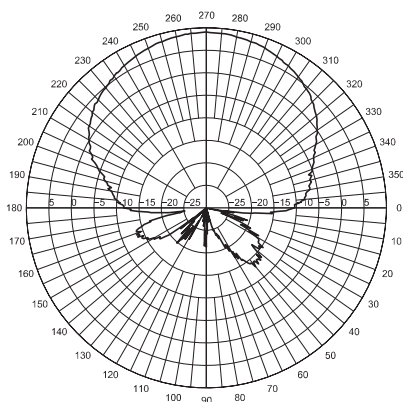


6720005204 Elevation Pattern

2.4 GHz Directional Antennas

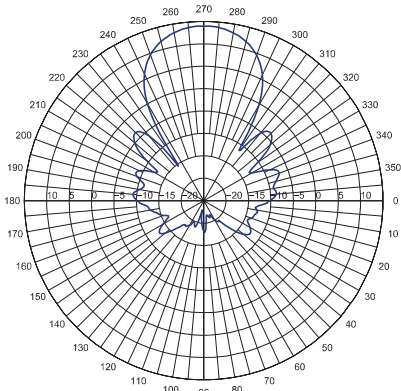


6720005212 Azimuth Pattern

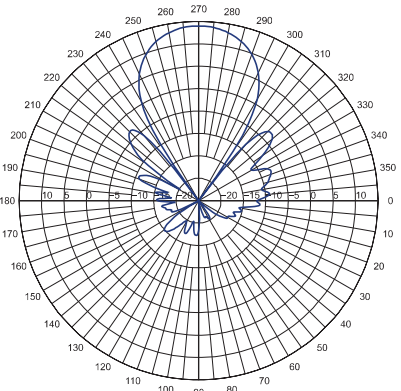


6720005212 Elevation Pattern

2.4 GHz Directional Antennas (continued)

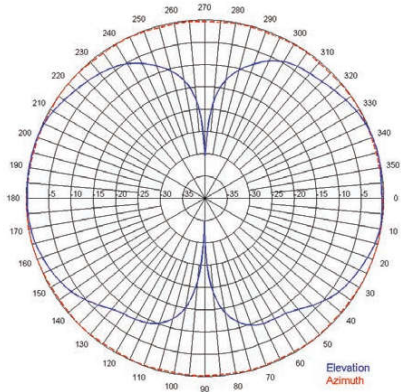


6720005206 Azimuth Pattern

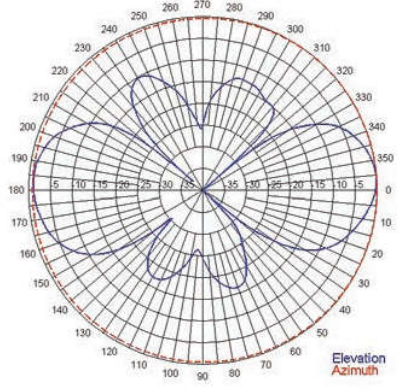


6720005206 Elevation Pattern

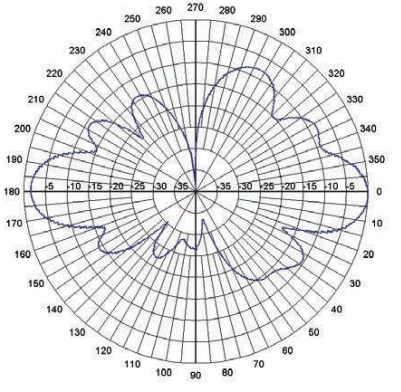
900 MHz Omni Antennas



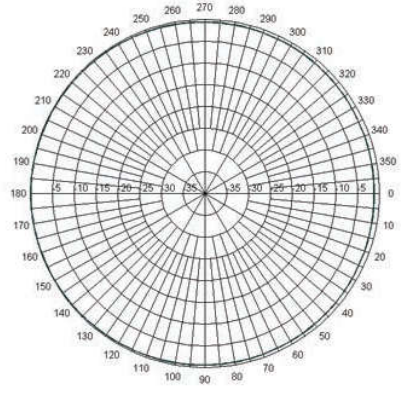
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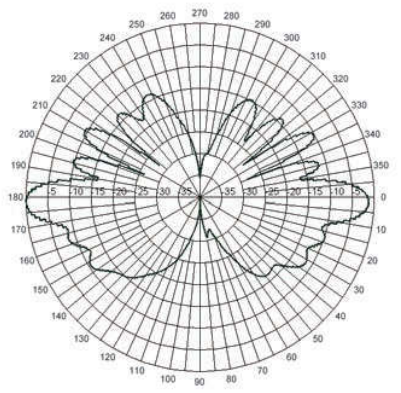
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6720005235 Elevation Pattern



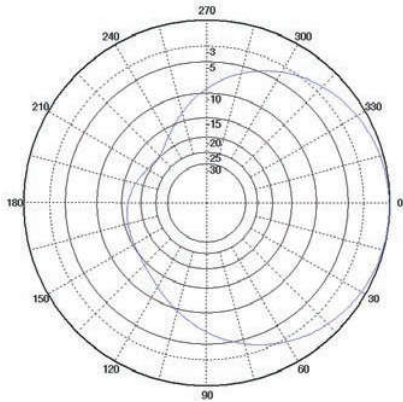
6720005236 Azimuth Pattern



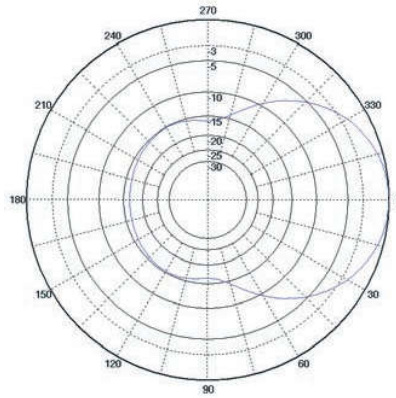
6720005236 Elevation Pattern

Radiation Patterns

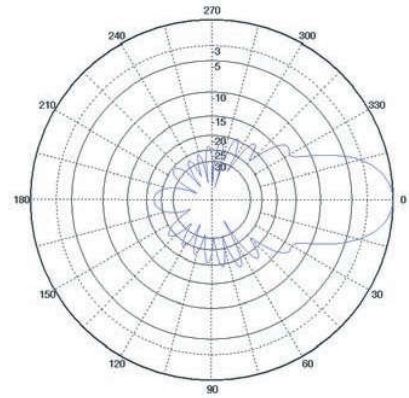
900 MHz Directional Antennas



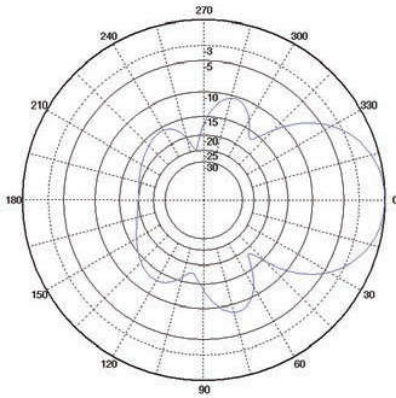
6720005221 Horizontal Pattern



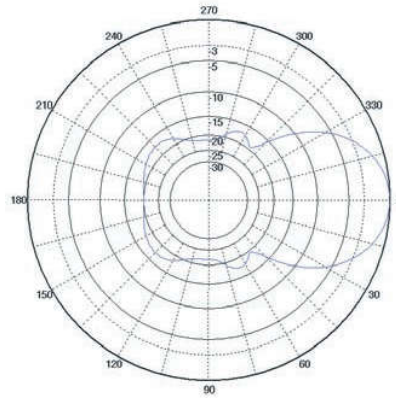
6720005221 Vertical Pattern



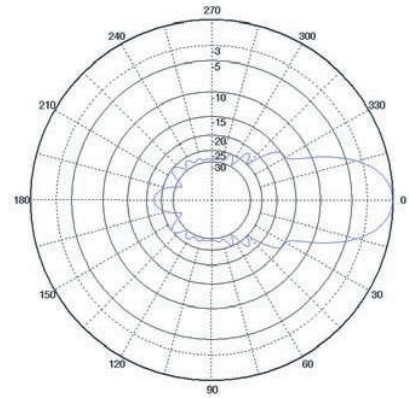
6720005226 Horizontal Pattern



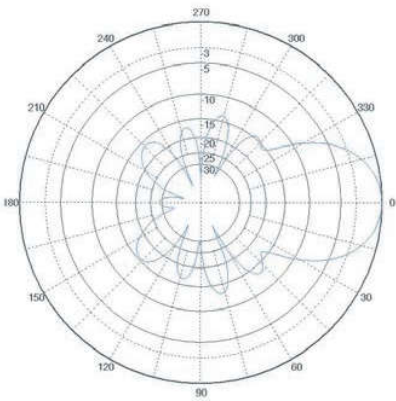
6720005223 Horizontal Pattern



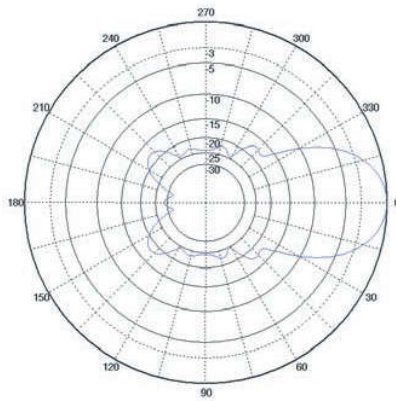
6720005223 Vertical Pattern



6720005226 Vertical Pattern



6720005225 Horizontal Pattern



6720005225 Vertical Pattern

Antennas

WI-ANT-5.8GHZ-4DB MOBILE



Representative Photo

WI-ANT-5.8GHZ-7DB OMNI NF



Representative Photo

WI-ANT-5.8GHZ-10DB OMNI NF



Representative Photo

Technical Data

Maximum Power	150 Watts	25 watts	25 watts
Polarization	Vertical	Vertical Linear	Vertical Linear
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms
VSWR across the band	< 1.5:1	< 2.0	< 2.0
Radome Material	PVC	PVC	PVC
Termination	Determined by thru-panel base	N Female	N Female
Mounting Base Diameter	Compatible with most 1-1/8" - 18 thread mounts, including 3/4" hole mounts	1-5/16"	1-5/16"
Electrical Specifications			
Frequency Range	4.9-5.9 GHz	5.15-5.875 GHz	5.15-5.875 GHz
Gain	4dBi	7dBi	10dBi
Half Power Vertical Beamwidth		15°	10°
Mechanical Specifications			
Antenna Type	Low Profile Whipless	Omni	Omni
Connector Type	For use with thru-panel base (6720005277)	N Female	N Female
Antenna Height	1.79"	10.2"	18.38"
Bending Moment at Rated Wind		1.1 ft-lbs	5.6 ft-lbs
Max wind load @ rated velocity		3.1 lbs	6.8 lbs
Equivalent Flat Plate Area	1.5" OD	0.04ft ²	0.08ft ²
Rated Wind		125 mph	125 mph
Weight lbs (kg)	0.34 (0.15)	0.3 (0.14)	0.35 (0.16)
Temperature Range	-40 to +70°C	-40 to +70°C	-40 to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-5.8GHZ-4DB MOBILE	6720005278	WI-ANT-5.8GHZ-7DB OMNI NF	6720005283	WI-ANT-5.8GHZ-10DB OMNI NF	6720005284

Antennas

IE-ANT-O-AH-360-5-NF



Representative Photo

Technical Data

Electrical Data	
Frequency (Mhz)	5150 - 5875 (Mhz)
VSWR	< 1.7
Gain	5 dBi
3dB beamwidth (horizontal)	360°
3dB beamwidth (vertical)	25°
Front to back ratio	-
Vertical electrical tilt	0°
General Data	
Radiation	Omnidirectional
Nominal Impedance	50 Ohm
Polarisation	Vertical
Connector type	1 x N-Type female
Connector position	Bottom
Composite power max.	6 W
Mechanical Data	
Dimensions	160 x 16 mm (Height x Diameter)
Weight	300 g
Wind load	frontal: 7N @ 160 km/h, lateral 7N @ 160 Km/h
Mast Diameter min.	38.1 mm
Mast Diameter max.	76.2 mm
Environmental Limits	
Environmental Conditions	outdoor
Operating Temperature	-45°C to 70°C
Storage Temperature	-45°C to 70°C
IP Rating	IP64
Material Data	
Radome Color	RAL 9002 (grey-white)
Radome Material	PP
Back plate/base plate material	-

Ordering Data

Model	802.11 a/h Wireless Antenna; Omni-directional
Type	IE-ANT-O-AH-360-5-NF
Part No.	1367120000
Note:	Mounting material included

Antennas

**WI-ANT-5.8GHZ-9DB
DFP 2'NF**

**WI-ANT 5.8GHZ 11DB
FLAT PATCH**

**WI-ANT-5.8GHZ-13DB
DFP 2'NF**

**WI-ANT-5.8GHZ-20DB
DFP 2'NF**



Representative Photo



Representative Photo



Representative Photo



Representative Photo

Technical Data

Maximum Power	25 watts	25 watts	25 watts	25 watts
Polarization	Linear, Vertical/horizontal	Linear, Vertical/horizontal	Linear, Vertical/horizontal	Linear, Vertical/horizontal
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR across the band	< 2.0:1	< 1.5:1	< 1.5:1	< 2.0:1
Radome Material	UL 94-V0 Plastic	UL 94HB Polymer	UL 94-V0 Plastic	UL 94-V0 Plastic
Termination	N Female	SMA-Female	N Female	N Female
Mounting Method	adjustable	Four 1/4" Holes	adjustable	Indoor/Outdoor articulating; heavy duty adjustable
Electrical Specifications				
Frequency Range	4.94-5.85 (2.40-2.48) GHz	5.725 - 5.875 GHz	4.9-5.9 GHz	4.94-5.85 (2.40-2.48) GHz
Gain	9dBi (8dBi)	11 dBi	13 dBi	20dBi (18dBi)
Half Power Vertical Beamwidth	60°	60°	27°	21° (9°)
Half Power Horizontal Beamwidth	60°	30°	40°	21° (9°)
Front to Back Ratio	>15 dB (>22dB)	>25 dB	> 25 dB	>25 dB (>30dB)
Mechanical Specifications				
Antenna Type	Directional Panel	Directional Panel	Directional Panel	Directional Panel
Connector Type	N Female	SMA-Female	N Female	N Female
Dimensions	5.1" x 4.7" x 1.5"	4.5" x 4.5" x 1"	5.1" x 4.7" x 1.5"	15.1" x 13.9" x 1.9"
Max Wind Load @ Rated Velocity	9.3 lbs		9.3 lbs	85 lbs
Equivalent Flat Plate Area				
Rated Wind	125 mph	>150 mph	125 mph	125 mph
Weight lbs (kg)	0.5 (0.23)	<0.4 (<0.2)	0.5 (0.23)	3.9 (1.8)
Temperature Range	-40 to +70°C	-40 to +85°C	-40 to +70°C	-40 to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-5.8GHZ-9DB DFP 2'NF	6720005280	WI-ANT 5.8GHZ 11DB FLAT PATCH	6720005130	WI-ANT-5.8GHZ-13DB DFP 2'NF	6720005281	WI-ANT-5.8GHZ-20DB DFP 2'NF	6720005282

Antennas

IE-ANT-P-ABG-75-9-NF



Representative Photo

IE-ANT-O-ABG-360-7-NF



Representative Photo

Technical Data

Electrical Data

Frequency (Mhz)	Band 1: 2400 - 2500 (Mhz) Band 2: 5150 - 5875 (Mhz)
VSWR	< 2
Gain	9 dBi Band 1/2
3dB beamwidth (horizontal)	75° Band 1 ; 55° Band 2
3dB beamwidth (vertical)	55° Band 1/2
Front to back ratio	15 dB Band 1/2
Vertical electrical tilt	0° Band 1/2

General Data

Radiation	Directional
Nominal Impedance	50 Ohm
Polarisation	Vertical
Connector type	1 x N-Type female
Connector position	Bottom
Composite power max.	10 W

Mechanical Data

Dimensions	101 x 80 x 35 mm (Height x Width x Depth)
Weight	110 g
Wind load	frontal: 7N @ 160 km/h, lateral 7N @ 160 Km/h
Mast Diameter min.	40 mm
Mast Diameter max.	60 mm

Environmental Limits

Environmental Conditions	outdoor
Operating Temperature	-40°C to 80°C
Storage Temperature	-40°C to 80°C
IP Rating	IP67

Material Data

Radome Color	RAL 7044 (grey)
Radome Material	PC
Back plate/base plate material	-

Band 1: 2400 - 2500 (Mhz)
Band 1: 5150 - 5875 (Mhz)
Band 3: 3400 - 3700 (Mhz)
Band 4: 4900 - 5470 (Mhz)
Band 5: 5470 - 5935 (Mhz)
Band 1: < 1.8
Band 2: < 2
Band 3: < 2
Band 4: < 1.8
Band 5: < 1.8
Band 1: 6 dBi
Band 2: 6 dBi
Band 3: 7 dBi
Band 4: 8 dBi
Band 5: 8 dBi
-
-
-
-

Omnidirectional
50 Ohm
Vertical
1 x N-Type female
Bottom
75 W

50.6 x 86 mm (Height x Diameter)
300 g
frontal: 10N @ 160 km/h
-
-

outdoor
-40°C to 80°C
-40°C to 80°C
IP68

RAL 7043 (dark-grey)
ASA_SAN
Stainless Steel

Ordering Data

Model	802.11 a/b/g/h Wireless Antenna; Directional
Type	IE-ANT-P-ABG-75-9-NF
Part No.	1367140000
Note:	Mounting material included

Model	802.11 a/b/g/h Wireless Antenna; Omni-directional
Type	IE-ANT-O-ABG-360-7-NF
Part No.	1367130000
Note:	Mounting material included

Antennas

WI-ANT-DEMO-2400



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WI-ANT-24GHZ-2DB
DUCK SMA-M

Representative Photo

WI-ANT-24GHZ-3DB
FOR MAG BASE

Representative Photo

Technical Data

Maximum Power	1 watt	50 watts	200/150/100 watts
Polarization	Vertical	Vertical, Linear	Vertical
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR across the band	1.5:1	< 1.5:1	< 1.5:1
Radome Material	Polyurethane	Polyurethane	Stainless steel
Termination	SMA male	SMA male	N female
Mounting Base Diameter	N/A	N/A	N/A
Electrical Specifications			
Frequency Range	2.4 GHz	2.4 GHz	2.2 - 2.9 GHz
Gain	0dB	2 dBi	3 dBi
Half Power Vertical Beamwidth	N/A	50°	30°
Mechanical Specifications			
Antenna Type	Whip	Whip	ISM mobile with WLAN
Connector Type	SMA male	SMA male	N female
Antenna Height	54 mm	114.3 mm	5.25" (133.35 mm)
Bending Moment at Rated Wind	N/A	N/A	N/A
Max Wind Load @ Rated Velocity	N/A	N/A	N/A
Equivalent Flat Plate Area	N/A	N/A	N/A
Rated Wind	N/A	N/A	N/A
Weight lbs (kg)	0.019 (0.009)	0.15 (0.068)	0.25 (0.113)
Temperature Range	N/A	-40°C to +85°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-DEMO-2400	6720005099	WI-ANT-24GHZ-2DB DUCK SMA-M	6720005207	WI-ANT-24GHZ-3DB FOR MAG BASE	6720005208

Antennas – 2.4 GHz Omni Antennas

Antennas

**WI-ANT-24GHZ-4DB
OMNI NF**



Representative Photo

**WI-ANT-0.9/2.4GHZ-3/4DB
MOBILE**



Representative Photo

**WI-ANT-24GHZ-6DB
OMNI NF**



Representative Photo

Technical Data

Maximum Power	25 watts	100 watts	25 watts
Polarization	Vertical	Vertical	Vertical
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR across the band	< 1.5:1	< 2.0:1	< 1.5:1
Radome Material	UV resistant pultruded fiberglass	PVC	UV resistant pultruded fiberglass
Termination	N female	Determined by Thru-panel base	N female
Mounting Base Diameter	1.25"	Compatible with most 1-1/8"-18 thread mounts, including 3/4" hole mounts	1.25"
Electrical Specifications			
Frequency Range	2.4 - 2.48 GHz	902-928 MHz / 2400-2500 MHz	2.4 - 2.48 GHz
Gain	4 dBi	4 dBi	6 dBi
Half Power Vertical Beamwidth	30°		20°
Mechanical Specifications			
Antenna Type	Omni	Low Profile Whipless	Omni
Connector Type	N female	For use with thru-panel base (6720005277)	N female
Antenna Height	8.1" (205.7 mm)	2.4" (60.9 mm)	11.6" (294.6 mm)
Bending Moment at Rated Wind	0.7 ft-lbs		1.4 ft-lbs
Max wind load @ rated velocity	2.1 lbs		3.0 lbs
Equivalent Flat Plate Area	.02 ft ²	1.5" OD	.04 ft ²
Rated Wind	125 mph		125 mph
Weight lbs (kg)	0.34 (0.154)	0.29 (0.13)	0.38 (0.172)
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-24GHZ-4DB OMNI NF	6720005200	WI-ANT-0.9/ 2.4GHZ-3/4DB MOBILE	6720005276	WI-ANT-24GHZ-6DB OMNI NF	6720005201

Antennas

**WI-ANT-24GHZ-8DB
OMNI NF**

**WI-ANT-24GHZ-10DB
OMNI NF**

**WI-ANT-24GHZ-12DB
OMNI NF**



Representative Photo



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Technical Data

Maximum Power	25 watts	25 watts	25 watts
Polarization	Vertical	Vertical	Vertical
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR across the band	< 1.5:1	< 1.5:1	< 1.5:1
Radome Material	UV resistant pultruded fiberglass	UV resistant pultruded fiberglass	UV resistant pultruded fiberglass
Termination	N female	N female	N female
Mounting Base Diameter	1.25"	1.25"	1.5"
Electrical Specifications			
Frequency Range	2.4 - 2.48 GHz	2.4 - 2.48 GHz	2.4 - 2.5 GHz
Gain	8 dBi	10 dBi	12 dBi
Half Power Vertical Beamwidth	13°	9°	7°
Mechanical Specifications			
Antenna Type	Omni	Omni	Omni
Connector Type	N female	N female	N female
Antenna Height	20.2" (513.1 mm)	36.0" (914.4 mm)	44.0" (1118 mm)
Bending Moment at Rated Wind	4.4 ft-lbs	14.7 ft-lbs	41 ft-lbs
Max Wind Load @ Rated Velocity	5.2 lbs	10.1 lbs	22.4 lbs
Equivalent Flat Plate Area	.06 ft ²	.11 ft ²	.25 ft ²
Rated Wind	125 mph	125 mph	125 mph
Weight lbs (kg)	0.50 (0.226)	0.65 (0.295)	3.00 (1.400)
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-24GHZ-8DB OMNI NF	6720005204	WI-ANT-24GHZ-10DB OMNI NF	6720005202	WI-ANT-24GHZ-12DB OMNI NF	6720005203

Antennas

IE-ANT-O-BG-360-6-NF



Representative Photo

Technical Data

Electrical Data	
Frequency (Mhz)	2400 - 2500 (Mhz)
VSWR	1.8
Gain	6 dBi
3dB beamwidth (horizontal)	360°
3dB beamwidth (vertical)	30°
Front to back ratio	-
Vertical electrical tilt	0°
General Data	
Radiation	Omnidirectional
Nominal Impedance	50 Ohm
Polarisation	Vertical
Connector type	1 x N-Type female
Connector position	Bottom
Composite power max.	25 W
Mechanical Data	
Dimensions	250 x 22 mm (Height x Diameter)
Weight	300 g
Wind load	frontal: 3N @ 160 km/h, lateral 3N @ 160 Km/h
Mast Diameter min.	-
Mast Diameter max.	-
Environmental Limits	
Environmental Conditions	outdoor
Operating Temperature	-40°C to 80°C
Storage Temperature	-40°C to 80°C
IP Rating	IP67
Material Data	
Radome Color	RAL 7035 (light grey)
Radome Material	Glass Fiber
Back plate/base plate material	-

Ordering Data

Model	802.11 b/g Wireless Antenna; Omni-directional
Type	IE-ANT-O-BG-360-6-NF
Part No.	1367090000
Note:	Mounting material included

Antennas

**WI-ANT-24GHZ-9DB
DFP 2' NF**

**WI-ANT-24GHZ-10DB
YAGI NF**

**WI-ANT-24GHZ-13DB
DFP 2' NF**



Representative Photo



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Technical Data

Maximum Power	20 watts	5 watts	20 watts
Polarization	Linear	Linear	Linear
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR across the band	<1.6: 1	<1.5: 1	<1.6: 1
Radome Material	UV stable plastic	UV stable plastic	UV stable plastic
Cable Length and type	12" RG58/U	36" coax	12" RG58/U
Termination	N female	N female	N female
Mounting Method	Indoor/outdoor articulating; heavy duty outdoor adjustable	heavy duty outdoor adjustable	Indoor/outdoor articulating; heavy duty outdoor adjustable
Electrical Specifications			
Frequency Range	2.3 - 2.5 GHz	2.4 - 2.485 GHz	2.3 - 2.5 GHz
Gain	9 dBi	10 dBi	13 dBi
Half Power Horizontal Beamwidth	60°	55°	35°
Half Power Vertical Beamwidth	60°	55°	35°
Front to Back Ratio	>15 dB	>23 dB	>18 dB
Mechanical Specifications			
Antenna Type	Directional Panel	Directional Yagi	Directional Panel
Connector Type	N female	N female	N female
Dimensions	5.1"x4.7"x1.5"	4.5" x 3"	8.8"x8.1"x1.6"
Max Wind Load @ Rated Velocity	9.3 lbf	5.8 lbf	27.9 lbf
Equivalent Flat Plate Area		0.060 ft ²	
Rated Wind	125 mph	125 mph	125 mph
Weight lbs (kg)	0.5 (0.227)	1.0 (0.5)	1.2 (0.544)
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-24GHZ-9DB DFP 2' NF	6720005212	WI-ANT-24GHZ-10DB YAGI NF	6720005205	WI-ANT-24GHZ-13DB DFP 2' NF	6720005213

Antennas

**WI-ANT-24GHZ-14DB
YAGI NF**

**WI-ANT-24GHZ-18DB
DFP 2' NF**



Representative Photo



Representative Photo

Technical Data

	WI-ANT-24GHZ-14DB YAGI NF	WI-ANT-24GHZ-18DB DFP 2' NF
Maximum Power	5 watts	20 watts
Polarization	Linear	Linear
Nominal Impedance	50 ohms	50 ohms
VSWR across the band	<1.5: 1	<1.6: 1
Radome Material	UV stable plastic	UV stable plastic
Cable Length and type	36" coax	12" RG58/U
Termination	N female	N female
Mounting Method	Heavy duty outdoor adjustable	Indoor/outdoor articulating; heavy duty outdoor adjustable
Electrical Specifications		
Frequency Range	2.4 - 2.485 GHz	2.3 - 2.5 GHz
Gain	14 dBi	18 dBi
Half Power Horizontal Beamwidth	30°	18°
Half Power Vertical Beamwidth	30°	19°
Front to Back Ratio	>30 dB	>25 dB
Mechanical Specifications		
Antenna Type	Directional Yagi	Directional Panel
Connector Type	N female	N female
Dimensions	14" x 3"	15.1"x13.9"x1.9"
Max wind load @ rated velocity	18.3 lbf	85 lbf
Equivalent Flat Plate Area	0.20 ft ²	
Rated Wind	125 mph	125 mph
Weight lbs (kg)	1.0 (0.5)	3.9 (1.77)
Temperature Range	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.
WI-ANT-24GHZ-14DB YAGI NF	6720005206	WI-ANT-24GHZ-18DB DFP 2' NF	6720005214

Antennas

**WI-ANT-900MHZ-0DB
DUCK SMA M**

WI-ANT-DPL-DG900-1

WI-ANT-DEMO-900



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Technical Data

Maximum Power	5 watts		
Polarization	Tertical, Linear		
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR across the band	<2.0:1		
Radome Material			
Termination	SMA male	SMA male	SMA male
Mounting Base Diameter			
Electrical Specifications			
Frequency Range	806-960 MHz/1710-2170 MHz	900-930 MHz	900-930 MHz
Gain	0 dBi	-2 dBi	0 dBi
Half Power Vertical Beamwidth			
Mechanical Specifications			
Antenna Type	Portable whip	Ground independent dipole	1/4 wave whip
Connector Type	SMA male	SMA male	SMA male
Antenna Height	6.5" (16.5 cm)	6" (15 cm)	3.5" (9 cm)
Bending Moment at Rated Wind			
Max Wind Load @ Rated Velocity			
Equivalent Flat Plate Area			
Rated Wind			
Weight lbs (kg)			
Temperature Range	-40°C to +85°C		

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-900MHZ-0DB DUCK SMA M	6720005232	WI-ANT-DPL-DG900-1	6720005086	WI-ANT-DEMO-900	6720005089

Antennas

WI-ANT-DPL-0-16



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WI-ANT-900MHZ-3DB STUB MAG



Representative Photo

WI-ANT-0.9/2.4GHZ-3/4DB MOBILE



Representative Photo

WI-ANT-900MHZ-0DB OMNI NF



Representative Photo

Technical Data

Maximum Power	10 watts	100 watts	100 watts	150 watts
Polarization	Vertical	Vertical	Vertical	Vertical
Nominal Impedance	50 ohms	50 ohms	50 ohms	50 ohms
VSWR across the band	<1.5: 1	<1.5:1	< 2.0:1	
Radome Material	Fiberglass	Stainless Steel	PVC	Fiberglass
Termination	SMA male	Determined by MAGBASE	Determined by thru-panel base	N female
Mounting Base Diameter		Determined by MAGBASE	Compatible with most 1-1/8" - 18 thread mounts, including 3/4" hole mounts	1-5/16"

Electrical Specifications

Frequency Range	853-930 MHz	896-940 MHz	902-928 MHz / 2400-2500 MHz	902-928 MHz
Gain	0 dBi	3 dB	3 dBi	Unity
Half Power Vertical Beamwidth				75°

Mechanical Specifications

Antenna Type	Half wave dipole	5/8 wave over 1/4 wave	Low Profile Whipless	Omni
Connector Type	SMA male	Determined by MAGBASE	For use with thru-panel base (6720005277)	N female
Antenna Height	16" (40 cm)	11" (27.9 cm)	2.4"	14" (35.6 cm)
Bending Moment at Rated Wind				1.4 ft-lbs
Max Wind Load @ Rated Velocity				2.3 lbs
Equivalent Flat Plate Area			1.5" OD	0.06 ft²
Rated Wind				100 mph
Weight lbs (kg)	0.5 (0.2)		0.29 (0.13)	0.75 (0.34)
Temperature Range		-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-DPL-0-16	6720005080	WI-ANT-900MHZ-3DB STUB MAG	6720005230	WI-ANT-0.9/2.4GHZ-3/4DB MOBILE	6720005276	WI-ANT-900MHZ-0DB OMNI NF	6720005233

Antennas

**WI-ANT-900MHZ-3DBD
OMNI NF**

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**WI-ANT-900MHZ-5DBD
OMNI NF**

Representative Photo

**WI-ANT-900MHZ-7DBD
OMNI NF**

Representative Photo

Technical Data

Maximum Power	150 watts	150 watts	150 watts
Polarization	Vertical	Vertical	Vertical
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR across the band			
Radome Material	Fiberglass	Fiberglass	Fiberglass
Termination	N female	N female	N female
Mounting Base Diameter	1-5/16"	1-5/16"	1-5/16"
Electrical Specifications			
Frequency Range	902-928 MHz	902-928 MHz	902-928 MHz
Gain	3 dB	5 dB	7 dB
Half Power Vertical Beamwidth	40°	22°	17°
Mechanical Specifications			
Antenna Type	Omni	Omni	Omni
Connector Type	N female	N female	N female
Antenna Height	23.25" (59.1 cm)	48" (121.9 cm)	96" (243.8 cm)
Bending Moment at Rated Wind	4.7 ft-lbs	14.2 ft-lbs	62.5 ft-lbs
Max Wind Load @ Rated Velocity	4.3 lbs	8.0 lbs	15.8 lbs
Equivalent Flat Plate Area	0.12 ft ²	0.22 ft ²	0.44 ft ²
Rated Wind	100 mph	100 mph	100 mph
Weight lbs (kg)	1.25 (0.57)	1.75 (0.79)	4 (1.81)
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-900MHZ-3DBD OMNI NF	6720005234	WI-ANT-900MHZ-5DB OMNI NF	6720005235	WI-ANT-900MHZ-7DB OMNI NF	6720005236

Antennas – 900 MHz Directional Antennas

Antennas

**WI-ANT-900MHZ-3DBD
YAGI NF**



Representative Photo

**WI-ANT-900MHZ-
6.5DB-2' YAGI NF**



Representative Photo

**WI-ANT-900MHZ-
10DB-2' YAGI NF**



Representative Photo

Technical Data

Maximum Power	200 watts	200 watts	200 watts
Polarization	Linear	Linear	Linear
Nominal Impedance	50 ohms	50 ohms	50 ohms
VSWR Across the band	<1.5:1	<1.5:1	<1.5:1
Radome Material	Aluminum 6061-T6	Aluminum 6061-T6	Aluminum 6061-T6
Termination	N female	N female	N female
Mounting Method	Includes mounting hardware	Includes mounting hardware	Includes mounting hardware
Electrical Specifications			
Frequency Range	890-960 MHz	890-960 MHz	890-960 MHz
Gain	3 dBd	6.5 dBd	10 dBd
Half Power Horizontal Beamwidth	168°	100°	56°
Half Power Vertical Beamwidth	78°	62°	46°
Front to Back Ratio	>10 dB	>15 dB	>20 dB
Mechanical Specifications			
Antenna Type	Directional Yagi	Directional Yagi	Directional Yagi
Antenna Dimensions (L x W)	13" x 6.8"	13" x 6.8"	24" x 6.8"
Weight lbs (kg)	1.3 (0.59)	2 (0.9)	6.8 (3.08)
Cross Sectional Area	0.11 ft ²	0.12 ft ²	0.24 ft ²
Max Wind Load @ Rated Velocity	2.75 lbf	3 lbf	6 lbf
Rated Wind	125 mph	125 mph	125 mph
Elements	2	3	7
Cable Type	LMR400	RG213	RG213
Cable Length	2 ft.	2 ft.	2 ft.
Connector Type	N female	N female	N female
Temperature Range	-40°C to +85°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-900MHZ-3DBD YAGI NF	6720005219	WI-ANT-900MHZ-6.5DB-2' YAGI NF	6720005221	WI-ANT-900MHZ-10DB-2' YAGI NF	6720005223

Antennas

WI-ANT-900MHZ-12DB-2' YAGI NF

WI-ANT-900MHZ-14DB-2' YAGI NF



Representative Photo



Representative Photo

Technical Data

Maximum Power	200 watts	200 watts
Polarization	Linear	Linear
Nominal Impedance	50 ohms	50 ohms
VSWR Across the band	<1.5:1	<1.5:1
Radome Material	Aluminum 606 1-T6	Aluminum 606 1-T6
Termination	N female	N female
Mounting Method	Includes mounting hardware	Includes mounting hardware
Electrical Specifications		
Frequency Range	890-960 MHz	890-960 MHz
Gain	12 dBd	14 dBd
Half Power Horizontal Beamwidth	40°	32°
Half Power Vertical Beamwidth	34°	26°
Front to Back Ratio	>20 dB	>25 dB
Mechanical Specifications		
Antenna Type	Directional Yagi	Directional Yagi
Antenna Dimensions (L x W)	37" x 6.6"	63" x 6.6"
Weight lbs (kg)	2.5 (1.3)	3.5 (1.58)
Cross Sectional Area	0.35 ft ²	0.67 ft ²
Max wind load @ rated velocity	8.75 lbf	16.75 lbf
Rated Wind	125 mph	125 mph
Elements	11	18
Cable Type	RG213	RG213
Cable Length	2 ft.	2 ft.
Connector Type	N female	N female
Temperature Range	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.
WI-ANT-900MHZ-12DB-2' YAGI NF	6720005225	WI-ANT-900MHZ-14DB-2' YAGI NF	6720005226

Antennas – 900 MHz Omni (Licensed)

**Antennas-
900 MHz Omni
(Licensed)**

**WI-ANT-950Mhz-3DBD
OMNI NF**



Representative Photo

**WI-ANT-950Mhz-5DBD
OMNI NF**



Representative Photo

**WI-ANT-950Mhz-7DBD
OMNI NF**



Representative Photo

Technical Data

Maximum Power	150 Watts	150 Watts	150 Watts
Polarization	Vertical Linear	Vertical Linear	Vertical Linear
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms
VSWR across the band	<1.5:1 (70 MHz)	<1.5:1 (70 MHz)	<1.5:1 (40 MHz)
Radome Material	1.0" OD pultruded white fiberglass	1.0" OD pultruded white fiberglass	1.0" OD pultruded white fiberglass
Termination	N Female	N Female	N Female
Mounting Base Diameter	1-5/16"	1-5/16"	1-5/16"
Electrical Specifications			
Frequency Range	890-960 MHz	890-960 MHz	890-940 MHz
Gain	3 dBd	5 dBd	7 dBd
Half Power Vertical Beamwidth	40°	22°	17°
Mechanical Specifications			
Antenna Type	Omni	Omni	Omni
Connector Type	N Female	N Female	N Female
Antenna Height	23"	48"	96"
Bending Moment at Rated Wind	4.7 ft-lbs	14.2 ft-lbs	62.5 ft-lbs
Max Wind Load @ Rated Velocity	4.3 lbs	8.0 lbs	15.8 lbs
Equivalent Flat Plate Area	0.12 ft ²	0.22 ft ²	0.44 ft ²
Rated Wind	100 mph	100 mph	100 mph
Weight lbs (kg)	1.25 lbs	1.75 lbs	4.00 lbs
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-950Mhz-3DBD OMNI NF	6720005273	WI-ANT-950Mhz-5DBD OMNI NF	6720005274	WI-ANT-950Mhz-7DBD OMNI NF	6720005275

**Antennas–
300-500 MHz****WI-ANT-440MHZ-5DB
OMNI NF**

Representative Photo

**WI-ANT-450MHZ-3DB
OMNI NF**

Representative Photo

**WI-ANT-450MHZ-5DB
OMNI NF**

Representative Photo

Technical Data

Maximum Power	250 Watts	250 Watts	250 Watts
Polarization	Vertical Linear	Vertical Linear	Vertical Linear
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms
VSWR across the band	<1.5:1 (70 MHz)	<1.5:1 (10 MHz)	<1.5:1 (10 MHz)
Radome Material	2.0" OD pultruded white fiberglass	Pultruded white fiberglass	Pultruded white fiberglass
Termination	N Female	N Female	N Female
Mounting Base Diameter	1-5/16"	1-5/16"	1-5/16"
Electrical Specifications			
Frequency Range	430-470 MHz	450-460 MHz	450-460 MHz
Gain	5 dBd (7 dBi)	3 dBd	5 dBd
Half Power Vertical Beamwidth	18°	38°	27°
Mechanical Specifications			
Antenna Type	Omni	Omni	Omni
Connector Type	N Female	N Female	N Female
Antenna Height	83"	71"	77"
Bending Moment at Rated Wind	250 ft-lbs	29.0 ft-lbs	40.4 ft-lbs
Max Wind Load @ Rated Velocity	45 lbs	10.8 lbs	12.6 lbs
Equivalent Flat Plate Area	1.125 ft ²	0.30 ft ²	0.35 ft ²
Rated Wind	125 mph	100 mph	100 mph
Weight lbs (kg)	7.0 lbs	4.0 lbs	4.50 lbs
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

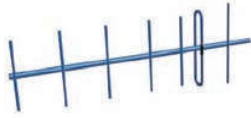
Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-440MHZ-5DB OMNI NF	6720005439	WI-ANT-450MHZ-3DB OMNI NF	6720005440	WI-ANT-450MHZ-5DB OMNI NF	6720005436

Antennas – 300-500 MHz

**Antennas-
300-500 MHz**

**WI-ANT-390Mhz-
10DBD YAGI NF**



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**WI-ANT-420Mhz-
6DBD YAGI NF**



Representative Photo

**WI-ANT-420Mhz-
9DBD YAGI NF**



Representative Photo

**WI-ANT-470Mhz-
6DBD YAGI NF**



Representative Photo

Technical Data

Maximum Power	250 Watts	150 Watts	150 Watts	150 Watts
Polarization	Linear	Linear	Linear	Linear
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms	50 Ohms
VSWR across the band	<1.5:1 (70 MHz)	<1.5:1 (34 MHz)	<1.5:1 (34 MHz)	<1.5:1 (40 MHz)
Radome Material	3/8" solid 6061-T6 aluminum	3/8" solid 6061-T6 aluminum	3/8" solid 6061-T6 aluminum	3/8" solid 6061-T6 aluminum
Termination	N Female	N Female	N Female	N Female
Mounting Pipe Diameter	1-5/16"	1.9" OD	1.9" OD	1.9" OD
Electrical Specifications				
Frequency Range	375-403 MHz	406-440 MHz	406-440 MHz	440-480 MHz
Gain	10 dBd	6.5 dBd	9 dBd	6.5 dBd
Half Power Vertical Beamwidth	46°	62°	45°	62°
Half Power Horizontal Beamwidth	52°	71°	52°	71°
Front to Back Ratio	>20 dB	>15 dB	>15 dB	>15 dB
Mechanical Specifications				
Antenna Type	Directional Yagi	Directional Yagi	Directional Yagi	Directional Yagi
Connector Type	N Female	N Female	N Female	N Female
Antenna Length (Boom OD)	44" x 14.3"	22" (.75")	34" (.75")	22" (.75")
Number of Elements	7	3	5	3
Bending Moment at Rated Wind	12.75 ft-lbs	12.75 ft-lbs	32.4 ft-lbs	12.75 ft-lbs
Max wind load @ rated velocity	20.84 lbs	14.8 lbs	24.2 lbs	14.8 lbs
Equivalent Flat Plate Area	0.53 ft ²	0.19 ft ²	0.31 ft ²	0.19 ft ²
Rated Wind	100 mph	125 mph	125 mph	125 mph
Weight lbs (kg)	3.5 lbs	1.2 lbs	2 lbs	1.2lbs
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-390Mhz-10DBD YAGI NF	6720005441	WI-ANT-420Mhz-6DBD YAGI NF	6720005442	WI-ANT-420Mhz-9DBD YAGI NF	6720005443	WI-ANT-470Mhz-6DBD YAGI NF	6720005444

**Antennas–
300-500 MHz****WI-ANT-470MHz-9DBD
YAGI NF**

Representative Photo

**WI-ANT-450MHZ-
10DB YAGI**

Representative Photo

**WI-ANT-470MHz-9DBD
YAGI NF**

Representative Photo

Technical Data

Maximum Power	150 Watts	250 Watts	150 Watts
Polarization	Linear	Linear	Linear
Nominal Impedance	50 Ohms	50 Ohms	50 Ohms
VSWR across the band	<1.5:1 (40 MHz)	<1.5:1 (70 MHz)	<1.5:1 (40 MHz)
Radome Material	3/8" solid 6061-T6 aluminum	3/8" solid 6061-T6 aluminum	3/8" solid 6061-T6 aluminum
Termination	N Female	N Female	N Female
Mounting Pipe Diameter	1.9" OD	1.9" OD	1.9" OD
Electrical Specifications			
Frequency Range	440-480 MHz	450-470 MHz	470-512 MHz
Gain	9 dBd	10 dBd	9 dBd
Half Power Vertical Beamwidth	45°	45°	45°
Half Power Horizontal Beamwidth	52°	0°	52°
Front to Back Ratio	> 15 dB	> 20 dB	> 15 dB
Mechanical Specifications			
Antenna Type	Directional Yagi	Directional Yagi	Directional Yagi
Connector Type	N Female	N Female	N Female
Antenna Length (Boom OD)	34" (.75")	42" x 11.8"	34" (.75")
Number of Elements	5	7	5
Bending Moment at Rated Wind	32.4 ft-lbs	250 ft-lbs	32.4 ft-lbs
Max wind load @ rated velocity	24.2 lbs	11.5 lbs	24.2 lbs
Equivalent Flat Plate Area	0.31 ft ²	0.46 ft ²	0.31 ft ²
Rated Wind	125 mph	150 mph	125 mph
Weight lbs (kg)	2 lbs	3 lbs (1.36kg)	2 lbs
Temperature Range	-40°C to +70°C	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-470MHz-9DBD YAGI NF	6720005445	WI-ANT-450MHZ- 10DB YAGI	6720005435	WI-ANT-470MHz-9DBD YAGI NF	6720005446

Antennas – Cellular

Antennas-
Cellular

WI-ANT-GSM-LTE-3DB Mobile

WI-ANT-GSM-2DB LP



Representative Photo



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Technical Data

Maximum Power	100 Watts	8 Watts
Polarization	Vertical	Linear
Nominal Impedence	50 Ω	50 Ω
VSWR across the band	<2.0:1	<2.5:1
Radome Material	PVC (IP66)	PVC
Termination	Determined by thru-panel base	Male SMA c/w 17 ft (5 meter) RG-174 cable
Mounting Base Diameter	Compatible with most 1/8"-8 thread mounts, including 3/4" hole mounts	1-1/2" through hole mount. Mount assembly includes flat adapter shim for installations or larger cutouts

Electrical Specifications

Frequency Range	698-2700 MHz	824-896 MHz 1710-1990 MHz
Gain	3 dBi	2 dBi +/- 1 dB@900 MHz, 1 dB +/-1 dB@1800 MHz

Mechanical Specifications

Antenna Type (Radiation)	Low Profile Whipless	GSM Multi-band Through Hole Low Profile
Connector Type	For use with thru-panel base (6720005277)	Male SMA
Antenna Height	2.4"	0.59" (1.5cm)
Equivalent Flat Plate Area	1.5" OD	3.1" (8cm)
Weight lbs (kg)	0.29 (0.13)	0.45 (0.24)
Temperature Range	-40°C to +70°C	-40°C to +70°C

Ordering Data

Type	Part No.	Type	Part No.
WI-ANT-GSM-LTE-3DB Mobile	6720005450	WI-ANT-GSM-2DB LP	6720005451

Antennas-
Cellular**WI-ANT-900MHZ-
OBDUCKSMAM**

Representative Photo

IE-ANT-3G-806-2170-2-NF

Representative Photo

IE-ANT-3G-806-2500-4-NF

Representative Photo

Technical Data

Maximum Power	5 Watts	25 W	
Polarization	Vertical Linear	Vertical, Linear	Vertical, Linear
Nominal Impedence	50 Ω	50 Ω	50 Ω
VSWR across the band	<2.0:1	< 2.5	< 2.0:1
Radome Material	PVC	PVC	PVC (IP66)
Termination	Male SMA	1x N-type female, bottom	1x N-type female, bottom
Mounting Base Diameter	Direct connection 180° swivel, 0°-90° knuckle	1 x antenna, 1 x mounting bracket, 2 x clamps for mast assembly	1 x antenna, 1 x Screw connector and mouting material for vandal proof mounting
Electrical Specifications			
Frequency Range	806-960 MHz / 1.71-2.17 GHz	806-960 (MHz), 1710-2170 (MHz)	806-960 MHz / 1.71-2.5 GHz
Gain	0 dBi	2dBi	4dBi
Mechanical Specifications			
Antenna Type (Radiation)	Low Profile Whip	Omni	Omni
Connector Type	Male SMA	1x N-type female, bottom	1x N-type female, bottom
Antenna Height	7-5/8" (19.4 cm)	7.9" (200 mm)	2.1" (48 mm)
Equivalent Flat Plate Area		1" (22 mm)	1.5" (36 mm)
Weight lbs (kg)	0.15 (0.06)	1.0 (0.430)	1.0 (0.3)
Temperature Range	-40°C to +70°C	-40 to +70°C	-40 to +70°C

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ANT-900MHZ-OBDUCKSMAM	6720005232	IE-ANT-3G-806-2170-2-NF	1491160000	IE-ANT-3G-806-2500-4-NF	1491170000

Cables

Cables

- Impedance: 50 ohms
- Foamed Polyethylene
- 100% Bonded Aluminum Foil
- Tinned Copper Braid - CuSn
- Flame-retardant PVC
- Polyethylene Jacket

PFP195



PFP400



PFP600



Technical Data

Electrical Specifications					
Cutoff Frequency	41 GHz	16.2 GHz	10.3 GHz		
Velocity of Propagation	80%	85%	87%		
Dielectric Constant	1.56	1.38	1.32		
Time Delay nS/ft (nS/m)	1.27 (4.17)	1.20 (3.92)	1.17 (3.83)		
Impedance	50 ohms	50 ohms	50 Ohms		
Capacitance (pF/m)	79.7	78.4	76.8		
Inductance uH/ft (uH/m)	0.064 (0.21)	0.060 (0.20)	0.058 (0.19)		
Shielding Effectiveness	>90 dB	>90 dB	>90 dB		
DC Resistance:					
Inner Conductor ohms/ 1000ft (/km)	7.6 (24.9)	1.39 (4.6)	0.53 (1.7)		
Outer Conductor ohms/ 1000ft (/km)	4.9 (16.1)	1.65 (5.4)	1.2 (3.9)		
Voltage Withstand	1000 VDC	2500 VDC	4000 VDC		
Jacket Spark	3000 Vrms	8000 Vrms	8000 Vrms		
Peak Power	2.5 kW	16 kW	40 kW		
Mechanical Specifications					
Bend Radius: installation in. (mm)	0.5 (12.7)	1.00 (25.4)	1.50 (38.1)		
Bend Radius: repeated in. (mm)	2.0 (50.8)	4.0 (101.6)	6.0 (152.4)		
Bending Moment ft-lb (N-m)	0.2 (0.27)	0.5 (0.68)	2.75 (3.73)		
Weight lb/ft (kg/m)	0.021 (0.03)	0.068 (0.10)	0.131 (0.20)		
Tensile Strength lb (kg)	40 (18.2)	160 (72.6)	350 (158.9)		
Flat Plate Crush lb/in. (kg/mm)	15 (0.27)	40 (0.71)	60 (1.07)		
Center Conductor (mm)	0.94 Solid BC	2.74 Solid CCA	4.47 Solid CCA		
Insulation (mm)	2.8	7.24	11.56		
Binder	Bonded Aluminum Foil	Bonded Aluminum Foil	Bonded Aluminum Foil		
Shield (mm)	0.11 x 112 CuSn	0.15 x 192 CuSn	0.18 x 240 CuSn		
Insulation Jacket (mm)	4.95	10.29	14.99		
Environmental Specifications					
Installation Temperature Range	-40° to +185° F / -40° to +85° C	-40° to +185° F / -40° to +85° C	-40° to +185° F / -40° to +85° C		
Storage Temperature Range	-94° to +185° F / -70° to +85° C	-94° to +185° F / -70° to +85° C	-94° to +185° F / -70° to +85° C		
Operating Temperature Range	-40° to +185° F / -40° to +85° C	-40° to +185° F / -40° to +85° C	-40° to +185° F / -40° to +85° C		

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
PFP195	6720005243	PFP400	6720005240	PFP600	6720005257
PFP195	6720005244	PFP400	6720005241		
PFP195	6720005245	PFP400	6720005242		
PFP195	6720005259	PFP400	6720005246		
PFP195	6720005270	PFP400	6720005247		
PFP195	6720005260	PFP400	6720005248		
		PFP400	6720005251		
		PFP400	6720005252		
		PFP400	6720005253		
		PFP400	6720005254		
		PFP400	6720005255		
		PFP400	6720005256		

Cable lengths and part numbers on page 62.

IE-CC-NM-RPSMAM-2M**IE-CC-NM-RPSMAM-4M****Technical Data****Electrical Data**

Impedance	50 Ohm +/- 2
Max. operating frequency	6 GHz
Signal delay	4.08 ns/m
Attenuation @ 2.4 GHz	approx. 0.55 dB/m
Attenuation @ 5 GHz	approx. 0.87 dB/m

Mechanical Data

Length	2 m
Weight	6.3 kg/100m
Min. Bending radius (static)	28 mm
Connector type	Connector 1: N-type male Connector 2: RP-SMA male

Environmental Limits

Operating Temperature	-40°C to 85°C
Installation Temperature	-20°C to 60°C
Flammability	IEC 60332-1, UL 1581 § 1080 (VW-1)
Halogen free	IEC 60754
UV resistance	ISO 4892-2A

Material Data

Jacket	LSFH (modified polyethylene)
Outer Diameter	5.7 mm

Ordering Data

Models	Antenna cable, 2m length N-type (male) → RP-SMA (male), Impedance 50 Ohm
Type	IE-CC-NM-RPSMAM-2M
Part No.	1367110000

Impedance	50 Ohm +/- 2
Max. operating frequency	6 GHz
Signal delay	4.08 ns/m
Attenuation @ 2.4 GHz	approx. 0.55 dB/m
Attenuation @ 5 GHz	approx. 0.87 dB/m

Length	4 m
Weight	6.3 kg/100m
Min. Bending radius (static)	28 mm
Connector type	Connector 1: N-type male Connector 2: RP-SMA male

Operating Temperature	-40°C to 85°C
Installation Temperature	-20°C to 60°C
Flammability	IEC 60332-1, UL 1581 § 1080 (VW-1)
Halogen free	IEC 60754
UV resistance	ISO 4892-2A

Jacket	LSFH (modified polyethylene)
Outer Diameter	5.7 mm

Models	Antenna cable, 4m length, N-type (male) → RP-SMA (male), Impedance 50 Ohm
Type	IE-CC-NM-RPSMAM-4M
Part No.	1367100000

Hardware – Mounts

Mounts

WI-ACC-24GHZ-4610DB-ANG-BRKT



WI-ACC-24GHZ-4610DB-STR-BRKT



WI-ACC-24GHZ-12DB-STR-BRKT



Technical Data

Description		
Stainless steel "L" bracket mount for wall or pipe mount. For mounting omnidirectional antenna to 2" maximum diameter mast.	Aluminum MFB mount bracket. For mounting 1-1/4" diameter antenna to 2-1/2" maximum diameter mast.	Heavy duty MFB mount bracket

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ACC-24GHZ-4610DB-ANG-BRKT	6720005209	WI-ACC-24GHZ-4610DB-STR-BRKT	6720005210	WI-ACC-24GHZ-12DB-STR-BRKT	6720005211

WI-ACC-MAGBASE 12 RG58 SMA MALE



WI-ACC-900MHZ-OMNI-STR-BRKT



WI-ACC-900MHZ-YAGI-STR-BRKT



Technical Data

Description		
Low frequency magnetic mount (for antennas operating 800-3000 MHz)	Light duty parallel or perpendicular pipe to pipe clamp, fits 1.5 - 2.4" to 1.5 - 2.4" OD pipewith 1.25 - 2.4" OD	Yagi clamp, fits mast OD of 0.5 - 0.84". Mounts to legs, towers, accessories

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ACC-MAGBASE 12 RG58 SMA MALE	6720005263	WI-ACC-900MHZ-OMNI-STR-BRKT	6720005268	WI-ACC-900MHZ-YAGI-STR-BRKT	6720005266

WI-ACC-900MHZ-14YAGI-STR-BRKT



WI-ACC-900MHZ-035OMNI-STR-BRKT



WI-ACC-900MHZ-7OMNI-STR-BRKT



Technical Data

Description		
Yagi clamp, fits mast OD of 0.75 - 1". Mounts to legs, towers, accessories with 1.25 - 2.4" OD	Aluminum MFB mount bracket. For mounting 1-5/16" diameter antenna to 2-1/2" maximum diameter mast.	Heavy duty fiberglass base station mount. For mounting an antenna with 2-1/2" maximum diameter onto 2-1/2" maximum diameter mast.

Ordering Data

Type	Part No.	Type	Part No.	Type	Part No.
WI-ACC-900MHZ-14YAGI-STR-BRKT	6720005267	WI-ACC-900MHZ-035OMNI-STR-BRKT	6720005271	WI-ACC-900MHZ-7OMNI-STR-BRKT	6720005272

Surge Suppressor

WI-ACC-125-1000MHZ SURGE NF-NF



WI-ACC-2-6GHZ SURGE NF-NF



WI-DIV-CCMA SMA M – SMA F



Technical Data

Connector
Frequency Range
VSWR
Insertion Loss
Turn-on

N female to N female
125 - 1000 MHz
<1.1 over frequency range
<0.1 dB over frequency range
600fb VDC +/- 20%

N female to N female
2.0 - 6.0 GHz
1.3: 1
0.1 dB

SMA Male to SMA Female
<1200 MHz
<0.2dB over range

Ordering Data

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Type	Part No.
WI-ACC-125-1000MHZ SURGE NF-NF	6720005261

Type	Part No.
WI-ACC-2-6GHZ SURGE NF-NF	6720005262

Type	Part No.
WI-DIV-CCMA SMA M-SMAF	6720005111

Antenna Coupler

WI-ACC-BULK-C1D1 SMA M - SMA F



WI-ACC-BULK-C1D1 SMA M - NF



Technical Data

Maximum Fault Voltage
Maximum Antenna Power Output
Maximum Capacitance
Frequency Range
Impedance
Approximate Signal Attenuation (1):
@ 425 MHz
@ 915 MHz
@ 2.4 GHz
Approximate Weight
Housing Material
Ambient Temperature Range
Connector
Approvals

250 VDC, 250 VAC 50-60 Hz
2 watts or 33 dB
5.64 nF
260 to 2483 MHz
50 Ohms
0.6 dB
2.2 dB
2.6 dB
0.5 lb (0.23 kg)
300 Series Stainless Steel
-40°/+85° C
SMA male to SMA female
Class 1 Div 1, group A, B, C, D

250 VDC, 250 VAC 50-60 Hz
2 watts or 33 dB
5.64 nF
260 to 2483 MHz
50 Ohms
3.2 dB
2.4 dB
4.1 dB
0.5 lb (0.23 kg)
300 Series Stainless Steel
-40°/+85° C
SMA male to N female
Class 1 Div 1, group A, B, C, D

Ordering Data

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Type	Part No.
WI-ACC-BULK-C1D1 SMA M - SMA F	6720005298

Type	Part No.
WI-ACC-BULK-C1D1 SMA M - NF	6720005299

Hardware – Adapters

Adapters

**WI-ACC-ADAPT
SMA M - SMA M**



**WI-ACC-ADAPT
SMA F - SMA F**



**WI-ACC-ADAPT
NM - NM**



Technical Data

Connector

Adapter
SMA male to SMA male

Adapter
SMA female to SMA female

Barrel Adapter
N male to N male

Ordering Data

Type	Part No.
WI-ACC-ADAPT SMA M - SMA M	6720005290

Type	Part No.
WI-ACC-ADAPT SMA F - SMA F	6720005291

Type	Part No.
WI-ACC-ADAPT NM - NM	6720005292

WI-ACC-ADAPT NF - NF



WI-ACC-ADAPT SMA F - NM



WI-ACC-ADAPT SMA M - NF



Technical Data

Connector

Barrel Adapter
N female to N female

Adapter
SMA female to N male

Adapter
SMA male to N female

Ordering Data

Type	Part No.
WI-ACC-ADAPT NF - NF	6720005293

Type	Part No.
WI-ACC-ADAPT SMA F - NM	6720005294

Type	Part No.
WI-ACC-ADAPT SMA M - NF	6720005295

**WI-ACC-BULK
SMA F - SMA F**



**WI-ACC-ADAPT
SMA F - SMA M ANGL**



Technical Data

Connector

Bulkhead Adapter
SMA female to SMA female with D-flat

Right Angle Adapter
SMA male to SMA female

Ordering Data

Type	Part No.
WI-ACC-BULK SMA F - SMA F	6720005296

Type	Part No.
WI-ACC-ADAPT SMA F - SMA M ANGL	6720005297

Filters

- Ultra-High Quality Microwave Cavity Filter
- Ultra Low Insertion Loss (0.5 dB nominal)
- Industrial Grade
- Rugged Aluminum Weatherproof Construction for Outdoor or Indoor Use

WI-ACC 900MHZ BAND PASS FILTER



WI-ACC 2.4GHZ BAND PASS FILTER



WI-ACC 5.8GHZ BAND PASS FILTER



Technical Data

Electrical Specifications	
Center Frequency	915 Mhz
Bandwidth	35 Mhz
Out of Band Rejection	> 40 dB @ 815 Mhz
	> 40 dB @ 1015 MHz
Insertion Loss	0.5 dB
Passband Ripple	< 0.25 dB
Return Loss	> 15 dB
Impedance	50 Ohms
Number of Cavaties	4
Power Handling	50 Watts
Connectors	N Female (2)
Operating Temp	-40 to 85°C (-40 to 185°F)
Dimensions mm (in)	74 x 74 x 50 (2.9 x 2.9 x 1.9)
Weight Kg (lbs.)	0.38 (0.84)

Ordering Data

Type	Part No.
WI-ACC 900MHZ BAND PASS FILTER	6720005120

Type	Part No.
WI-ACC 2.4GHZ BAND PASS FILTER	6720005121

Type	Part No.
WI-ACC 5.8GHZ BAND PASS FILTER	6720005122