



► A05, 9/F, Block 2,
Camel Paint Building,
62 Hoi Yuen Road,
Kwun Tong, Kowloon,
HongKong



► 238, Alameda Dr.
Carlos d'Assumpcao,
Ed. Praca Kin Heng
Long, 20G, Macau

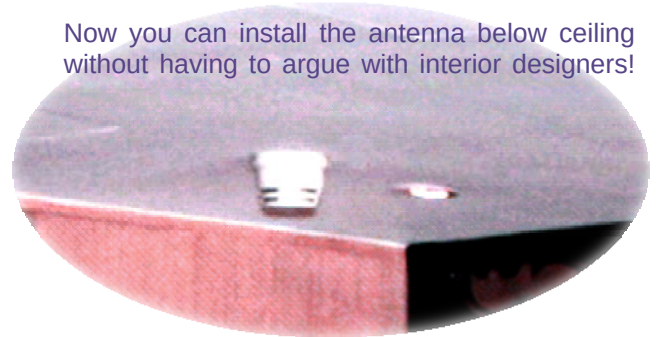
Data *sheet*

The 800— 3600MHz Invisible Antenna DTQJ-0836YGA

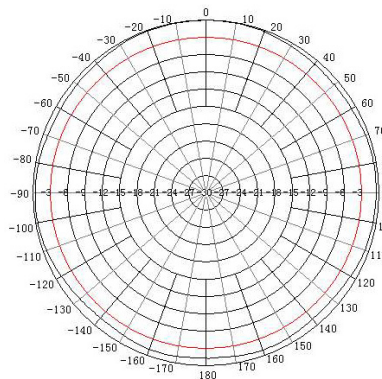
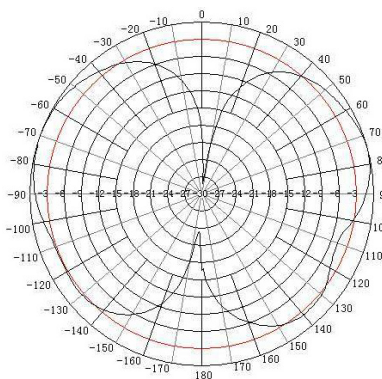


Now you can install the antenna below ceiling
without having to argue with interior designers!

- 2 Invisibility Modes
 - Painted in your choice of color
 - Disguise as a Smoke Detector
- World Leading Technology wideband 800 to 3600 MHz
- Low VSWR High Performance
- Easy to Install



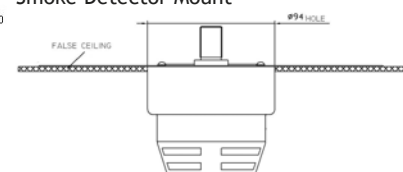
Model	DTQJ-0836YGA			
Frequency Range (MHz)	806 ~ 896	1710 ~ 2500	3400 ~ 3500	3500 ~ 3600
VSWR	≤1.4	≤1.4	≤1.9	≤2.5
Gain (dBi)	3	4	5	5
Impedance(Ω)	50			
Polarisation	Vertical			
Maximum Power (W)	100			
Connector Location	Bottom			
Connector Type	N female			
Dimension (mm)	Φ90×83 (Reflector Φ255)			
Weight (Kg)	0.5			



Normal Ceiling Mount



Smoke Detector Mount





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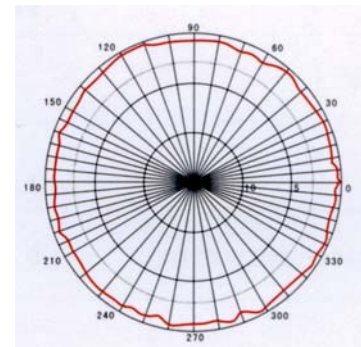
Data *sheet*

DTQJ-0825XTS1 Omni-Directional Antenna

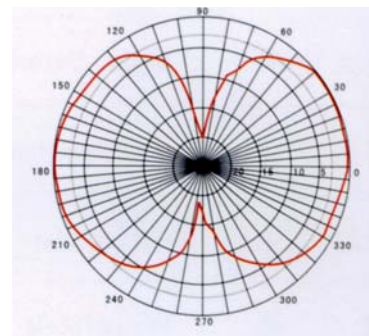


Specifications

Model	DTQJ-0825XTS1
Frequency Range -MHz	806~960 1710~2500
Gain -dBi	3
VSWR	≤1.5
Nominal Impedance -Ω	50
Polarization	Vertical
Max. Power -W	100
Connector Place	Bottom
Connector Type	N Female or Customiza- tion
Dimension -mm	φ165.5×94
Weight -g	500



Horizontal Pattern



Vertical Pattern





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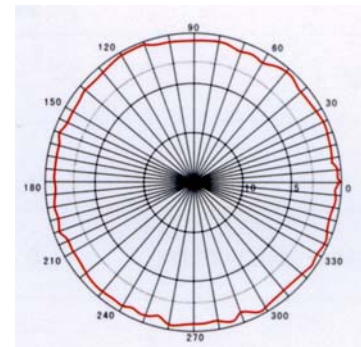
Data *sheet*

DTQJ-0825XTS2 Omni-Directional Antenna

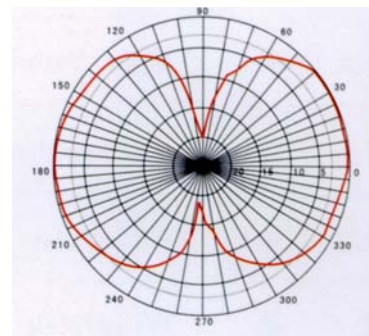


Specifications

Model	DTQJ-0825XTS2	
Frequency Range -MHz	806~960	1710~2500
Gain -dBi	3	
VSWR	≤1.5	
Nominal Impedance -Ω	50	
Polarization	Vertical	
Max. Power -W	100	
Connector Place	Bottom	
Connector Type	N Female or Customiza-tion	
Dimension -mm	φ165.5×94	
Weight -g	500	



Horizontal Pattern



Vertical Pattern





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The 800– 2500MHz
Power Socket Antenna DTJ-800/2500BXD



Antenna the size of a
Power Socket for

- Tetra / CDMA
- GSM / DCS
- WCDMA
- WiFi



Model	DTJ-800/2500BXD	
Frequency Range MHz)	806 ~ 960	1710 ~ 2500
VSWR	≤1.5	≤1.5
Gain (dBi)	3	5
Impedance(Ω)	50	
Beamwidth Vertical °	45	30
Beamwidth Horizontal °	360	
Polarisation	Vertical	
Maximum Power (W)	100	
Connector Location	Bottom	
Connector Type	N female	
Dimension (mm)	120 x 110 x 10	
Weight (Kg)	0.4	



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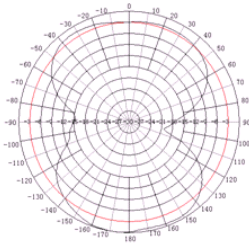
Data *sheet*

DTQJ0825XTL Credit Card Antenna

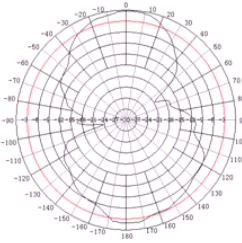
Model	DTQJ-0825XTL	
Freq. Range MHz	806-960	1710-2500
Gain dBi	2	4
Beamwidth degree	84	60
VSWR	≤ 1.8	
Impedance Ω	50	
Polarization	Vertical	
Size mm	160 x 135 x 5	
Humidity %	5 - 95	
Max. Power W	50	
Connector Type	N Female or Customized	
Weight g	200	



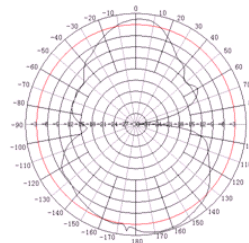
Vertical



800MHz

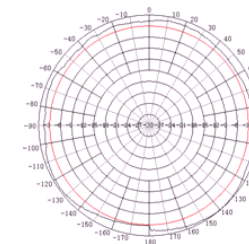


1800MHz

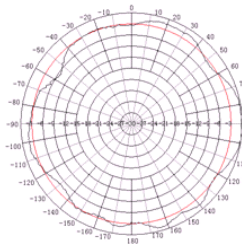


2400MHz

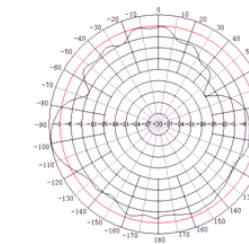
Horizontal



800MHz



1800MHz



2400MHz





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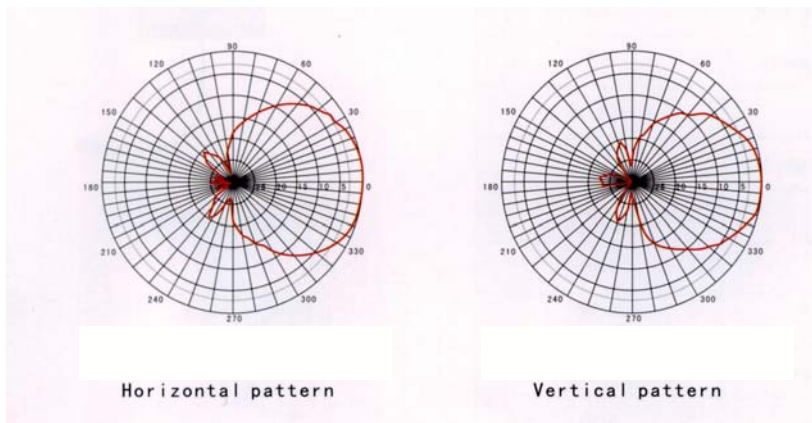
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DTDJ0825BKM Indoor Antenna

Model	DTDJ0825BKM
Freq. Range MHz	800-960 / 1710–2500
Gain dBi	7 / 10
VSWR	≤1.5
Beam-width-°	Horizontal 70 / 60 Vertical 50/45
Polarisation	Vertical
Nominal Impedance Ω	50
Max. Power W	50
Connector Type	N Female or Customized
Dimension mm	210*180*44
Weight g	600





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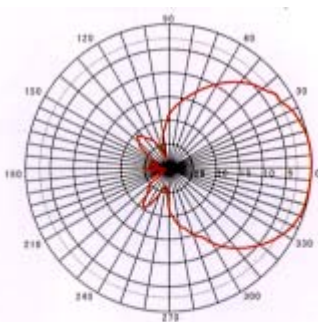
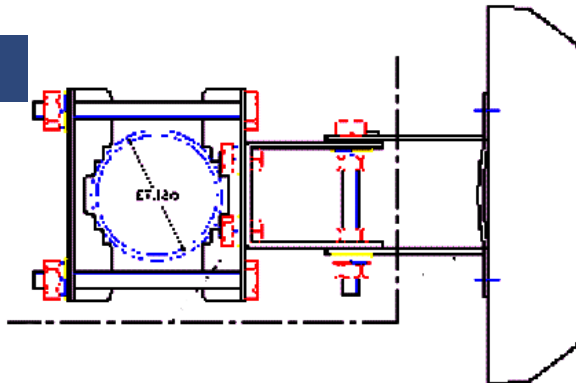
Data *sheet*

DTDJ0825BKM-YB Directional Antenna

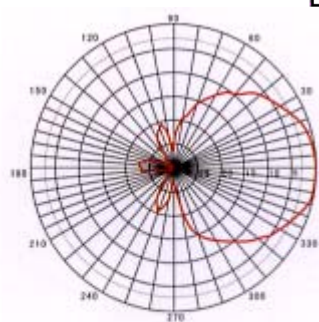
Specifications		
Freq. Range MHz	800 - 960	1710 - 2500
Gain dBi	7	10
VSWR	≤ 1.5	
Beamwidth Vertical °	55	45
Beamwidth-° Horizontal	70	60
Polarisation	Vertical	
Nominal Impedance Ω	50	
Max. Power W	100	
Connector Type	N Female (Customizable)	
Dimension mm	210 x 180 x 44	
Pole Diameter mm	$\Phi 40 \sim 60$	
Weight g	1200	



Install Diagram



Horizontal pattern



Vertical pattern





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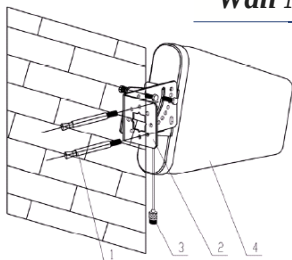
Data *sheet*

DTDJ-0825DSA-1 Wideband Directional Antenna

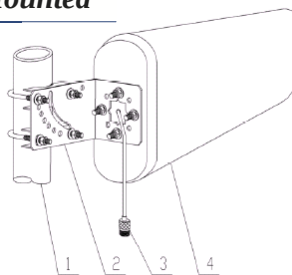
Specifications		
Freq. Range MHz	800-960	1710 - 2500
Vertical Beamwidth-°	60	55
Horizontal Beamwidth-°	90	70
Front / Back Ratio dB	≥18	≥18
Gain dBi	8.2	9.5
VSWR	≤1.5	
Nominal Impedance Ω	50	
Polarisation	Vertical	
Pole Diameter mm	Φ 40 ~ 50	
Max. Power W	100	
Connector Type	N (customizable)	
Dimension mm	293 x 210 x 65	
Weight g	830	



Wall Mounted

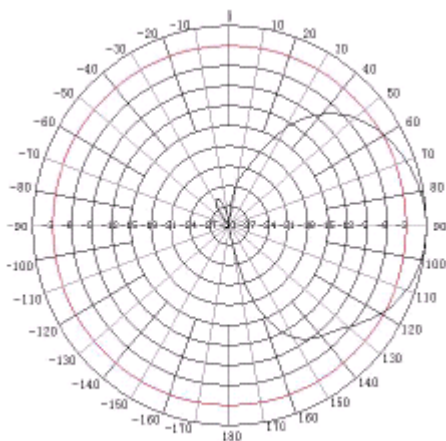


Pole Mounted

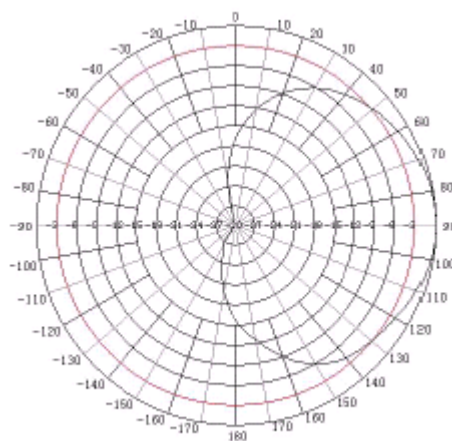


Install Method:

1. Pole (not included) or Screws
2. L-shape bracket
3. Connector
4. Antenna



Vertical



Horizontal





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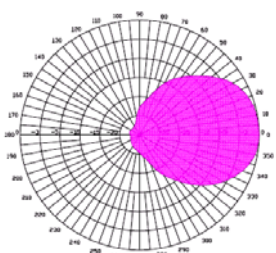
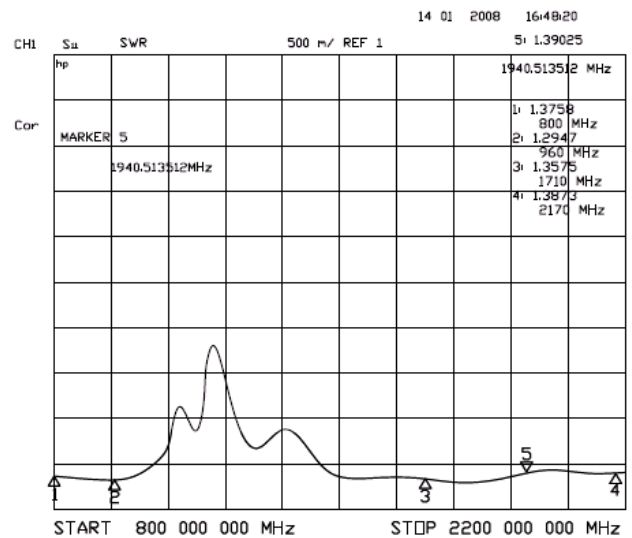


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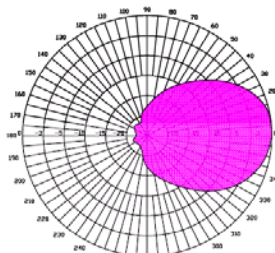
Data *sheet*

DHT-8021 Log-periodic Antenna

Specifications		
Freq. Range MHz	800-960	1710 - 2170
Vertical Beamwidth-°	50	
Horizontal Beamwidth-°	70	
Front / Back Ratio dBi	≥ 25	
Gain dBi	11	
VSWR	≤1.4	
Nominal Impedance Ω	50	
Polarisation	Vertical or Horizontal	
Pole Diameter mm	Φ 38 - 52	
Max. Power W	200	
Connector Type	N - K	
Dimension mm	340 x 220 x 65	
Weight g	1000	
Rated Wind Velocity m/s	60	



Vertical



Horizontal





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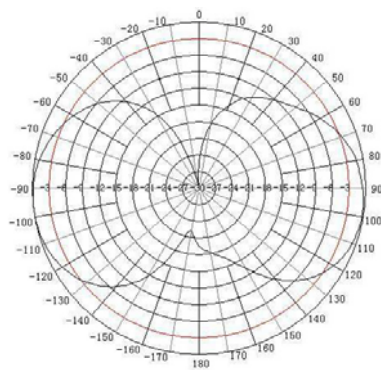
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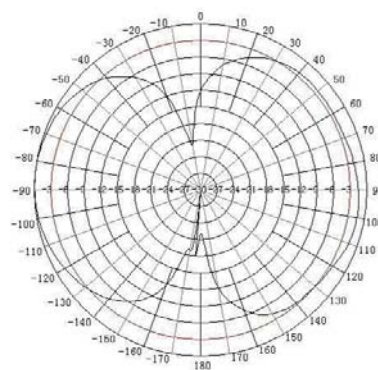
Data *sheet*

DTDJ0825DSB Wideband Bidirectional Antenna

Specifications	
Freq. Range MHz	824-960 / 1710-2500
Gain dBi	5.5
VSWR	≤1.5
Beamwidth-°	Horizontal 2 * 80 Vertical 2 * 60
Polarisation	Vertical
Nominal Impedance Ω	50
Max. Power W	50
Connector Type	N-K
Dimension mm	610 * 210 * 65
Weight g	2000



Vertical



Horizontal





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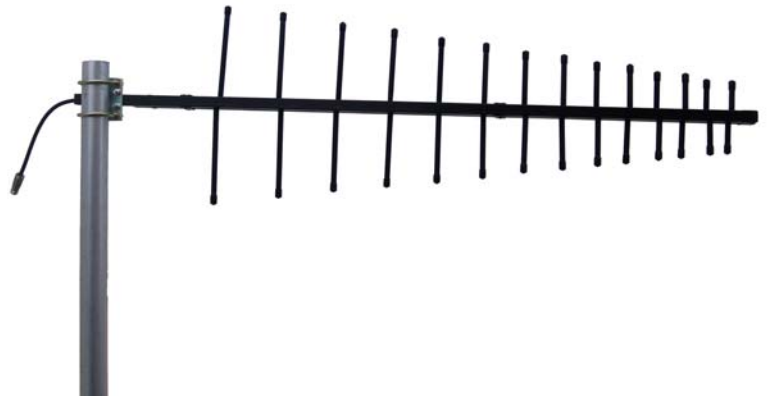


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Data *sheet*

DTDJ0408DS Wideband Yagi Antenna

- Wide Bandwidth
- High Gain
- High front / back ratio
- High performance in windy, moist and even corrosive air environment



Specifications	
Frequency Range-MHz	400-800
Gain -dB	11
3dB Beamwidth - °	50 (E) 65 (H)
F/B-dB	22
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	200
Dimension -cm	116×36
Weight - kg	1.6
Rated Wind Vel.-Km/h	216
Connector	N-K
Operating temp. °C	-40 ~ 70





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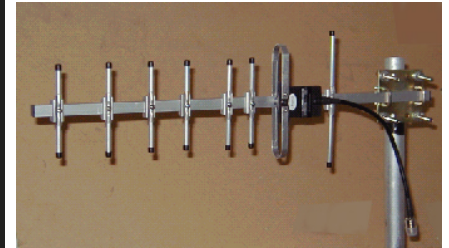


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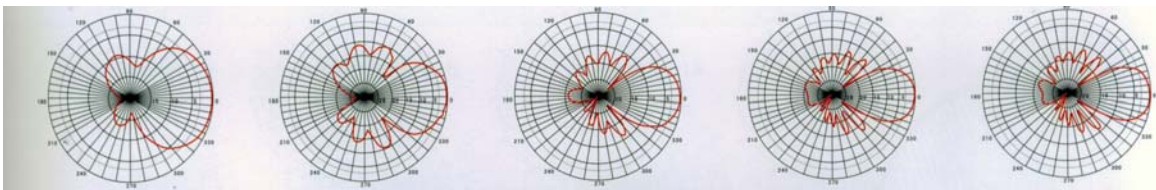
Data *sheet*

DTTEY201 Series TETRA Antenna

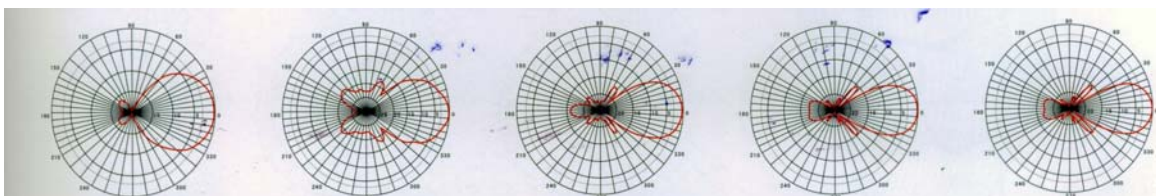
Model	TDJ-900ACY5	TDJ-900ACY8	TDJ-900ACY10	TDJ-900ACY12	TDJ-900ACY15
Elements	5	8	10	12	15
Frequency Range-MHz	800-960	800-960	800-960	800-960	800-960
Bandwidth-MHz	160	160	160	160	160
Gain -dB	9	11.2	11.6	12	13
3dB Beam-width -°	51	44	38	34	30
F/B-dB	14	15	16	18	18
VSWR	≤1.5	≤1.5	≤1.5	≤1.5	≤1.5
Nominal Imp. -Ω	50	50	50	50	50
Polarization	Vert. or Hor.	Vert. or Hor.	Vert. or Hor.	Vert. or Hor.	Vert. or Hor.
Max Power - W	100	100	100	100	100
Dimension - m	0.5	0.9	1.1	1.3	1.7
Weight - kg	0.7	0.9	1	1.5	2
Rated Wind Vel.-m/s	60	60	60	60	60
Connector	N Female	N Female	N Female	N Female	N Female



Horizontal Pattern



Vertical Pattern





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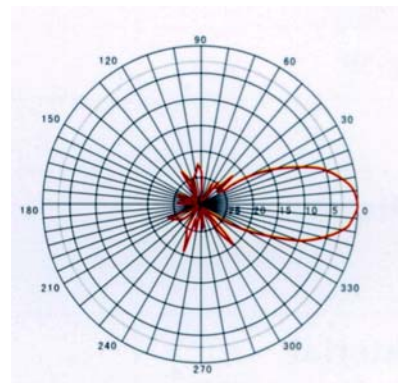
DTDJ-2000SPL9 Square Grid Parabolic Antenna



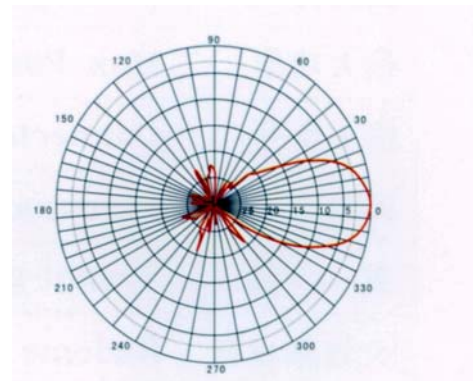
Features:

- High Gain, Low VSWR
- 2GHz Band
- Aluminum Die Cast Grid
- UV Stable Light Gray Powder Coat Finish
- Vertical or Horizontal Installation
- N-Female Connector with Pigtail or Customized

Model	DTDJ-2000SPL9
Freq. Range-MHz	1920~2170
Bandwidth-MHz	250
Gain-dBi	22.5
Beamwidth- °	E:13 H:8
VSWR	≤1.5
F/B-dB	≥30
Impedance-Ω	50
Polarization.	Vertical or Horizontal
Max. Power-W	100
Connector Type	N Female or Customization
Dimension-m	0.6×0.9
Weight-Kg	2.5



Horizontal Pattern



Vertical Pattern





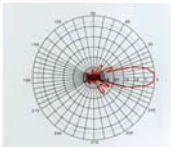
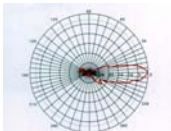
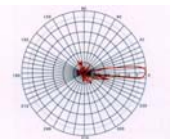
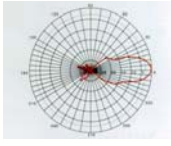
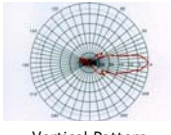
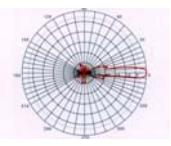
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DTDJ-900SPL Series Grid Parabolic Antenna

Model	DTDJ-900SPL12	DTDJ-900SPL15	DTDJ-900SPL18
Diameter	1.2 m	1.5 m	1.8 m
Frequency Range	806 ~ 960 MHz		
Bandwidth	70 MHz		
Gain	18 dBi	20 dBi	21.5 dBi
Beamwidth	16.5°	13°	11°
F/B	30 dB		
VSWR	≤ 1.5		
Nominal Impedance	50 Ω		
Connector	N Female		
Max Power	100 W		
Polarization	Vertical or Horizontal		
Weight	10 kg	15 kg	20 kg
	 Horizontal Pattern	 Horizontal Pattern	 Horizontal Pattern
	 Vertical Pattern	 Vertical Pattern	 Vertical Pattern





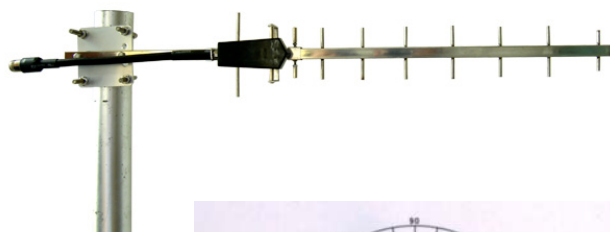
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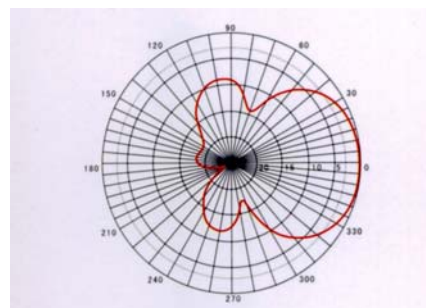
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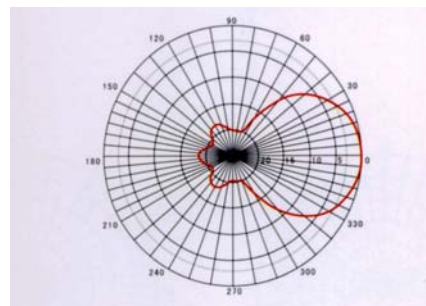
DTDJ-2000C10 WCDMA Yagi Antenna



Model	DTDJ-2000C10
Frequency Range-MHz	1850~2170
Bandwidth-MHz	320
Gain -dBi	12
Horizontal Beamwidth - °	36
Vertical Beamwidth - °	32
F/B-dB	≥18
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	100
Connector	N female
Dimension -m	0.65
Weight - kg	0.5



Horizontal Pattern



Vertical Pattern





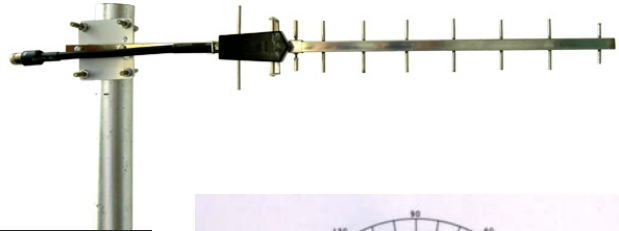
► A05, 9/F, Block 2,
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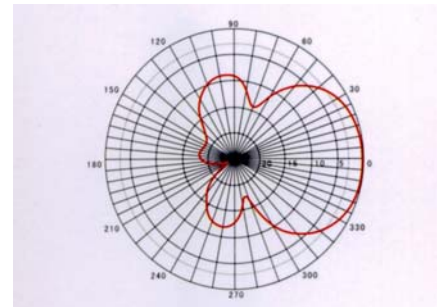
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Data *sheet*

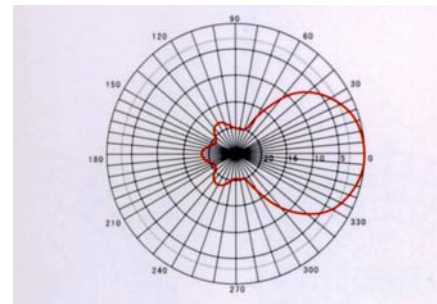
DTDJ-1800C8 Yagi Antenna



Model - 8 Elements	DTDJ-1800C8
Frequency Range-MHz	1710 - 1990
Bandwidth-MHz	170
Gain -dBi	11.2
Horizontal Beamwidth - °	48
Vertical Beamwidth - °	40
F/B-dB	≥16
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	100
Connector	N female
Dimension -m	0.75
Pole Diameter - mm	Φ40 - 50
Wind Load - m/s	60



Horizontal Pattern



Vertical Pattern





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Data *sheet*

DTDJ-1725DS Log Periodic Antenna



Specifications	
Frequency Range-MHz	1710 - 2500
Bandwidth-MHz	790
Gain -dBi	11
Horizontal Beamwidth - °	60
Vertical Beamwidth - °	40
F/B-dB	≥20
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	100
Connector	N female
Dimension -m	φ 110×340
Operating Temp. - °C	-40 to +60
Humidity	5% to 95%
Pole Diameter - mm	Φ40 - 50
Weight - Kg	1.2
Wind Load - m/s	60

- **High Front / Back Ratio**
- **Wideband**
- **Cylindrical Cover helps enhance wind load performance**
- **Compact Size**
- **High Gain Low VSWR**
- **Ideal for outdoor**





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DTQJ400W Outdoor Omni Antenna

Specifications	
Frequency Range-MHz	400 - 490
Bandwidth-MHz	30
Gain -dBi	3.5
Horizontal Beamwidth - °	360
Vertical Beamwidth - °	58
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	100
Connector	N female
Dimension -m	<Φ70 x 700
Weight, Kg	4.9
Wind Load, m/s	60
Pole Diameter - mm	Φ40 - 75

Other Frequencies

Available:

215-285 MHz

320-385

806-890

870-960

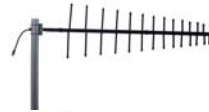
1780-1850

1880-1930 1920-2170

2400-2485



Other Types of Antenna





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DTJ400Z2 Outdoor Directional Yagi Antenna

Specifications	
Frequency Range-MHz	400 - 490
Bandwidth-MHz	30
Gain -dBi	5
Horizontal Beamwidth - °	180
Vertical Beamwidth - °	60
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	100
Connector	N female
Dimension -m	<430 x 500
Weight, Kg	0.9
Wind Load, m/s	60
Pole Diameter - mm	Φ40 - 50





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DTJ900ACY5 Outdoor Directional Yagi Antenna

Specifications	
Frequency Range-MHz	806 - 960
Bandwidth-MHz	154
Gain -dBi	9
Horizontal Beamwidth - °	54
Vertical Beamwidth - °	48
VSWR	≤1.5
Nominal Imp.-Ω	50
Polarization	Vertical
Max Power -W	100
Connector	N female
Length -cm	40
Weight, Kg	0.65
Wind Load, m/s	60
Pole Diameter - mm	Φ40 - 50





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DTJ900ACY Series Outdoor Directional Yagi Antenna

Model	DTJ900ACY5	DTJ900ACY8	DTJ900ACY10	DTJ900ACY15
Photo				
No. of Elements	5	8	10	15
Frequency Range—MHz	885 - 960			
Bandwidth—MHz	154			
Gain —dBi	9	11.2	11.6	13
Horizontal Beamwidth - °	54	40	32	30
Vertical Beamwidth -°	48	48	40	30
VSWR	≤1.5			
Nominal Imp.—Ω	50			
Polarization	Vertical or Horizontal			
Max Power —W	100			
Connector	N female (customizable)			
Length —cm	40	60	63	99
Weight, Kg	0.65	0.8	0.9	1.25
Pole Diameter - mm	Φ40 - 50 (not included)			

Applications:

- 900 MHz Bands
- GSM900
- 900MHz RFID systems

Features:

- High Gain
- High Quality Aluminum
- For any environment





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WiMax Antenna

Specifications	TLB-3500-2	TLB-2500-4	TQJ-3500-11	TQJ-3720-10	TQJ-2500-10
Photo					
Freq. Range MHz	3400-3650	2500 - 2700	3300 - 3500	3300 - 3720	2500 - 2700
Gain dBi	≥ 2	≥ 4	≥ 11	≥ 10	≥ 11
VSWR	≤ 1.5				
Polarisation	Vertical				
Nominal Impedance Ω	50				
Max. Power W	50				
Connector Type	SMA male	SMA male	N female	N female	N female
Dimension mm	Φ 10 x 108	Φ 12.5 x 205	Φ 35 x 1010	Φ 35 x 700	Φ 35 x 1020
Weight g	11	20	950	750	970





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DTDJ-0822A Broadband Panel Antenna for 824 - 2170 MHz



- Low VSWR, Broadband, Multi-system
- Vertical Polarization
- Mid Gain



Specifications



Model	TDJ-0822A	
Freq.—MHz	824~960	1710~2170
Bandwidth -MHz	134	460
Gain-dBi	9	11
Beamwidth-°	E:55/H:65	E:33/H:80
VSWR	≤1.5	
Imp.-Ω	50	
Pol.	Vertical	
Max. Power-W	100	
Connector	N or F(customize)	
Dimension-mm	600×305×77	
Weight-Kg	5	





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Data sheet

BTS Antenna DVP08096515

VPol 806-960 65° 15dBi		
Frequency	806-896MHz	870-960MHz
Polarisation	Vertical	Vertical
Gain	14.8dBi	15dBi
Beamwidth	Horizontal 65°	Horizontal 64°
	Vertical 14.5°	Vertical 13.8°
Beam Tilt	0°	
Front Back Ratio	≥ 25dB	
SPR	≤ 3.8%	
Impedance	50Ω	
VSWR	≤ 1.4	
IM3	< -150dBc	
Power	500W	
Lightning Protection	DC Ground	



Mechanical	
Connector	7-16 female
Connector Location	Bottom
Weight	6kg
Dimension	1240mm/260mm/134mm
Packing Dimentison	1580mm×360mm×220mm
Wind Load (@150 km/h)	223N/147N/488N Font/Side/Back
Max Wind Load	200km/h

806 - 896 MHz

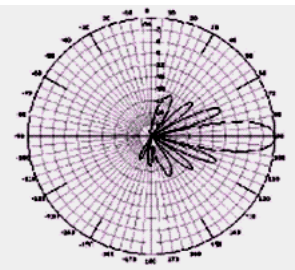
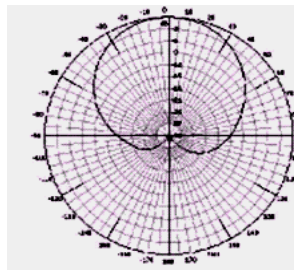
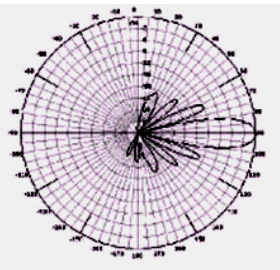
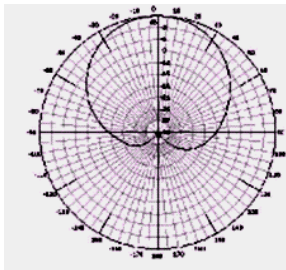
870 - 960 MHz

Horizontal

Vertical

Horizontal

Vertical





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Data sheet

BTS Antenna DVP08099014

VPol 806-960 90° 14dBi		
Frequency	806-896MHz	870-960MHz
Polarisation	Vertical	Vertical
Gain	13.2dBi	14dBi
Beamwidth	Horizontal 90°	Horizontal 90°
	Vertical 14°	Vertical 13°
Beam Tilt	0°	
Front Back Ratio	≥ 25dB	
SPR	≤ 3.8%	
Impedance	50Ω	
VSWR	≤ 1.4	
IM3	< -150dBc	
Power	500W	
Lightning Protection	DC Ground	



Mechanical	
Connector	7-16 female
Connector Location	Bottom
Weight	6kg
Dimension	1290mm/260mm/134mm
Packing Dimentison	1580mm×360mm×220mm
Wind Load (@150 km/h)	223N/147N/488N Font/Side/Back
Max Wind Load	200km/h

806 - 896 MHz

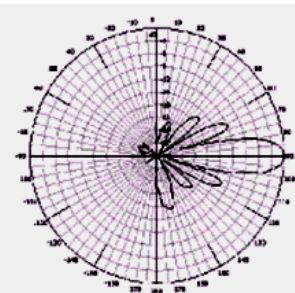
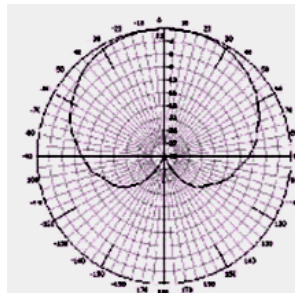
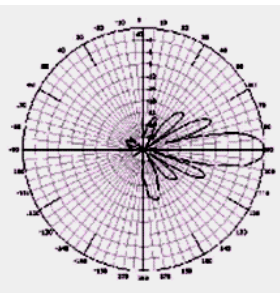
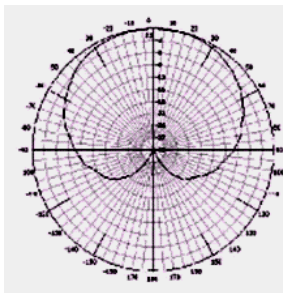
870 - 960 MHz

Horizontal

Vertical

Horizontal

Vertical





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Data sheet

BTS Antenna DVP080910513

VPol 806-960 105° 13dBi		
Frequency	806-896MHz	870-960MHz
Polarisation	Vertical	Vertical
Gain	12.2dBi	12.8dBi
Beamwidth	Horizontal 105°	Horizontal 105°
	Vertical 14°	Vertical 13°
Beam Tilt	0°	
Front Back Ratio	≥ 23dB	
SPR	≤ 3.8%	
Impedance	50Ω	
VSWR	≤ 1.4	
IM3	< -150dBc	
Power	500W	
Lightning Protection	DC Ground	



Mechanical	
Connector	7-16 female
Connector Location	Bottom
Weight	6kg
Dimension	1290mm/260mm/134mm
Packing Dimentison	1580mm×360mm×220mm
Wind Load (@150 km/h)	223N/147N/488N Font/Side/Back
Max Wind Load	200km/h

806 - 896 MHz

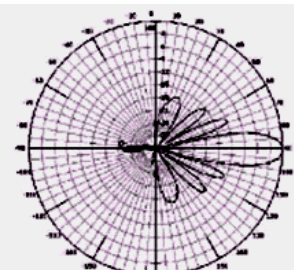
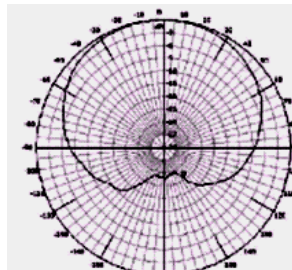
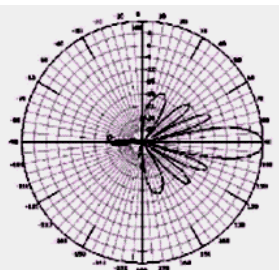
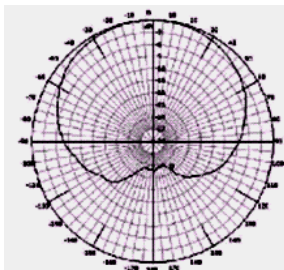
870 - 960 MHz

Horizontal

Vertical

Horizontal

Vertical





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BTS Antenna DVP080912013

VPol 806-960 120° 13dBi

Frequency	806-896MHz
Polarisation	Vertical
Gain	12.4dBi
Beamwidth	Horizontal 120°
	Vertical 13°
Beam Tilt	0°
Front Back Ratio	≥ 22dB
SPR	≤ 3.8%
Impedance	50Ω
VSWR	≤ 1.4
IM3	<-150dBc
Power	500W
Lightning Protection	DC Ground

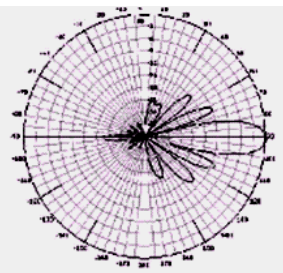
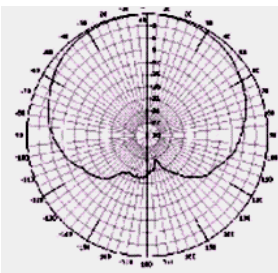


Mechanical	
Connector	7-16 female
Connector Location	Bottom
Weight	6kg
Dimension	1300mm/260mm/134mm
Packing Dimentison	1580mm×360mm×220mm
Wind Load (@150 km/h)	223N/147N/488N Font/Side/Back
Max Wind Load	200km/h

806 - 896 MHz

Horizontal

Vertical





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Dual Polar Panel Antenna GD0920D-65-12

Electrical Specifications

Frequency Range	824-960/1710-2170MHz
VSWR	≤ 1.5
Input Impedance	50 Ω
Gain	12dBi GSM900 12.5dBi UMTS
Polarization	Dual Slant $\pm 45^\circ$
Horizontal Beamwidth(3dB)	65°
Vertical Beamwidth (3dB)	30°
Intermodulation	$< -15\text{dBc}(2 \times 43\text{dBm})$
Upper Sidelobe Level	$< -18\text{dB}$
Isolation Between Ports	$\geq 30\text{dB}$
Front to Back Ratio	$\geq 25\text{dB}$
Maximum Input Power	500W GSM900, 300W UMTS
Connector Type	7/16DIN female
Lightning Protection	DC Ground

Mechanical Specifications

Dimension	800mm×287mm×132mm
Weight	10Kg
Rated Wind Velocity	210km/h
Radome Material	PVC
Diameter of Mounting pole	$\Phi 50 \sim \Phi 115(\text{mm})$
Working Temperature	-30°C ~ 60°C





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Dual Polar Panel Antenna GD0920D-65-14

Electrical Specifications

Frequency Range	824-960/1710-2170MHz
VSWR	≤ 1.5
Input Impedance	50 Ω
Gain	14dBiGSM900 14.5dBi UMTS
Polarization	Dual Slant $\pm 45^\circ$
Horizontal Beamwidth(3dB)	65°
Vertical Beamwidth (3dB)	16°
Intermodulation	$< -15\text{dBc}$ (2 $\times$ 43dBm)
Upper Sidelobe Level	$< -18\text{dB}$
Isolation Between Ports	$\geq 30\text{dB}$
Front to Back Ratio	$\geq 25\text{dB}$
Maximum Input Power	500WGSM900, 300W UMTS
Connector Type	7/16DIN female
Lightning Protection	DC Ground

Mechanical Specifications

Dimension	1300mm $\times$ 287mm $\times$ 132mm
Weight	15Kg
Rated Wind Velocity	210km/h
Radome Material	PVC
Diameter of Mounting pole	$\Phi 50 \sim \Phi 115(\text{mm})$
Working Temperature	-30°C ~ 60°C





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Dual Polar Panel Antenna GD0920D-65-16

Electrical Specifications

Frequency Range	824-960/1710-2170MHz
VSWR	≤ 1.5
Input Impedance	50 Ω
Gain	16dBiGSM900,16.5dBi UMTS
Polarization	Dual Slant $\pm 45^\circ$
Horizontal Beamwidth(3dB)	65°
Vertical Beamwidth (3dB)	12°
Intermodulation	$< -15\text{dBc}(2 \times 43\text{dBm})$
Upper Sidelobe Level	$< -18\text{dB}$
Isolation Between Ports	$\geq 30\text{dB}$
Front to Back Ratio	$\geq 25\text{dB}$
Maximum Input Power	500WGSM900,300W UMTS
Connector Type	7/16DIN female
Lightning Protection	DC Ground

Mechanical Specifications

Dimension	1600mm×287mm×132mm
Weight	18Kg
Rated Wind Velocity	210km/h
Radome Material	PVC or Fiberglass (White or Gray)
Diameter of Mounting pole	Φ50~Φ115(mm)
Working Temperature	-30℃~60℃

