



195, GIDC, Behind VCCI Complex,
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MODEL NO: TW/3G/CEALING/01

TWIN 3G OMNI ANTENNA 800 - 2500 MHz



Applications: True omni directional pattern ideal for IBS.
Highlights : Good VSWR over 3G frequencies.
 Adequate signal coverage.

Specifications:

Manufacturer	Twin Engineers
Model No	TW/3G/CEALING/001
Frequency Range	800-2500MHz
Beam Width (Horizontal)	360°
Beam Width (Vertical)	55°
Gain	2dBi / 3dBi / 4dBi
Polarization	Vertical
VSWR	≤ 1.5
Impedance	50Ω
Material	
Radiating Element	Aluminum / Brass
Reflector	Aluminum
Radome	ABS
Weight	200Gms
Dimension (H X W X D)	130mm Dia X 140mm
Termination	N(F)
Power Handling	100W
Jumper Cable	0.3Mtr



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MODEL NO: TW/3G/PANEL/01

TWIN 3G PANEL ANTENNA 800 - 2500 MHz



Applications: True directional pattern ideal for IBS.
Highlights : Good VSWR over 3G frequencies.
 Adequate signal coverage.

Specifications:

Manufacturer	Twin Engineers
Model No	TW/3G/PANEL/001
Frequency Range	800-2500MHz
Beam Width (Horizontal)	90°
Beam Width (Vertical)	70°
Gain	7/9dBi
Polarization	Vertical
VSWR	≤ 1.5 For 824-960MHz & 1710-2170MHz 2:1 For 2.4-2.5Ghz
Impedance	50Ω
Material	
Radiating Element	Aluminum / Brass
Reflector	Aluminum
Radome	ABS
Weight	430 Gms
Dimension (H X W X D)	210 X 180 X 40 mm
Termination	N(F)
Power Handling	100W
Jumper Cable	0.5Mtr



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Flat Omni Antenna Model No: TW/3G/FLAT OMNI/01



Feature:

Superior in Quality, Reliable and Cost effective
Light Weight and durable construction
DC Grounded
Quick and easy Installation

Specifications:

Manufacturer	Twin Engineers
Model No	TW/3G/FLAT OMNI/01
Frequency Range	800-2500MHz
Beam Width (Horizontal)	360°
Beam Width (Vertical)	55°
Gain	4dBi
Polarization	Vertical
VSWR	≤ 1.5
Impedance	50Ω
Material	
Radiating Element	Aluminum / Brass
Reflector	Aluminum
Radome	ABS
Weight	100 Gms
Dimension (H X W X D)	120 X 110 X 5 mm
Termination	N(F)
Power Handling	100W
Jumper Cable	0.3Mtr



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MODEL NO: TW /CAVITY/SPLITTER/2WAY/01
MODEL NO: TW /CAVITY/SPLITTER/3WAY/01
MODEL NO: TW /CAVITY/SPLITTER/4WAY/01
TWIN CAVITY SPLITTER – 2 WAY /3 WAY /4 WAY



Specifications:

Manufacturer	Twin Engineers	Twin Engineers	Twin Engineers
Frequency Range	800-2500MHz	800-2500MHz	800-2500MHz
For Connecting Antenna	2 WAY	3 WAY	4 WAY
Insertion Loss	0.3 dB	0.3 dB	0.3 dB
Split Loss	3dB	4.7dB	6dB
V.S.W.R.	1.25:1	1.25:1	1.25:1
Impedance	50 Ohm	50 Ohm	50 Ohm
Power	100W	100W	100W
Inter modulation	< - 150 dBc	< - 150 dBc	< - 150 dBc
Connector	N-Female	N-Female	N-Female
Operating Temperature	- 35° to +75°	- 35° to +75°	- 35° to +75°
Mechanical Characteristics			
Dimensions (LXWXH) mm	215 X70 X 25mm	240 X70 X 25mm	240 X 70 X 50mm
Weight	260 Grams.	280 Grams	320 Grams



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MODEL NO: TW/STRIP/SPLITTER/2WAY/01
MODEL NO: TW/STRIP/SPLITTER/3WAY/01
MODEL NO: TW/STRIP/SPLITTER/4WAY/01
TWIN STRIPLINE SPLITTERS - 2 WAY / 3 WAY / 4 WAY



Specifications :

PARAMETERS	2 WAY	3 WAY	4 WAY
FREQ Range	800-2500 MHz	800-2500 MHz	800-2500 MHz
V.S.W.R.	1.25:1	1.25:1	1.25:1
NO.PORTS (ANT)	2	3	4
INSERION LOSS	0.3 dB	0.3 dB	0.3 dB
Split loss	3	4.7	6
Isolation	> 30 dB	> 30 dB	> 30 dB
Max . Power	100 W	100 W	100 W
Impedance	50 Ohm	50 Ohm	50 Ohm
Connector	N-Female	N-Female	N-Female
Inter modulation	< - 150 dBc	< - 150 dBc	< - 150 dBc
Dimensions (LXHXW) mm	90 X 70 X50	120 X 90 X50	180 X 100 X50
Weight	160 Grams.	200 Grams	250 Grams
Applications	Indoor / Outdoor , IP65 Rating		



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TWIN RF LOAD



Specifications:

Frequency Range (MHz)	DC-2500MHz	DC-2500MHz	DC-2500MHz	DC-2500MHz	DC-2500MHz	DC-2500MHz
VSWR	<1.2:1	<1.2:1	<1.2:1	<1.2:1	<1.2:1	<1.2:1
Maximum Average Power	1W	2W	5W	10W	20W	50W
Impedance	50	50	50	50	50	50
Operating Temperature	- 35° to +75°	- 35° to +75°	- 35° to +75°	- 35° to +75°	- 35° to +75°	- 35° to +75°
Connector	N Male	N Male	N Male	N Male	N Male	N Male
Dimension (Dia X L) mm	50 X 25mm	50 X 25mm	50 X 40mm	70 X 40mm	70 X 40mm	138 X 55mm
Weight	40 Grams	50 Grams	75 Grams	100Grams	100Grams	400Grams