

## Specification for MT – 362017/NV Omni directional Antenna 2.3-2.7 GHz, 8.5dBi

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MTI WIRELESS EDGE LTD.		MT - 362017/NV		REV-B
SCALE: NONE	DOC NO. RD422789	00C	SHEE	T10F 4

	REVISION RECORD							
REV	ECO	DESCRIPTION	APVD	DATE				
Α	CZ31	RELAESED	YAEL H.	5.3.08				
В	3095	UPDATE GAIN	YAEL H.	2.4.08				

SHEET	43	44	45	46	47	48	49	50	51	52	53	54	55	56
REV														
SHEET	29	30	31	32	33	34	35	36	37	38	39	40	41	42
REV														
SHEET	15	16	17	18	19	20	21	22	23	24	25	26	27	28
REV														
SHEET	1	2	3	4	5	6	7	8	9	10	11	12	13	14
REV	В	В	В	В										

PRODUCT STATUS:			
☐ PROPOSAL	☐ IN DEVELOPMENT	☐ PREPRODUCTION	<b>⊠</b> PRODUCTION

CONTRACT NO					
ACTION	NAME	SIGN	DATE		
PREP	YAEL HARASH	YAEL	22.8.07		
CHKD	DANIEL ZERAH	D.Z	4.3.08		
CHKD					
CHKD					
DSGN	ASAF HAVIV	A.H	2.4.08		
PROJ	MOTI ROSTMY	M.R	3.3.08		
MFG					
QA	MOTI MOTOVICH	MOTI	3.3.08		
MARK.	DAVID SHANI	D.S	4.3.08		

MTI WIRELESS EDGE	SPECIFICATION FOR MT – 362017/NV			
	OMNIDIRECTIONAL ANTENNA			
DOC NO. RD4227890		2.3-2.7	GHz, 8.5 dBi	
SCALE: NONE	ON: NONE	REV-B	SHEET 2 OF 4	

## **SPECIFICATION**

## **OMNIDIRECTIONAL ANTENNA**

MTI PART NUMBER	MT – 362017/NV
Regulatory Compliance	RoHS, CE 0682
1. ELECTRICAL	
Frequency Range	2.3 – 2.7 GHz
Peak Gain	8 dBi (min) @ 2.3-2.4 GHz
	9 ±0.5 dBi @ 2.4-2.7 GHz
VSWR	1.7 :1(max)
Azimuth Beamwidth	360°
Azimuth Ripple	± 1 dB (max)
Polarization	Linear Vertical
E - Plane Beamwidth	8.5 °(typ)
E – Plane Sidelobes Level	-9dB (typ)
Input Impedance	50 (ohms)
Power	4 W (max)
Lightning Protection	DC Grounded
2. MECHANICAL	
Z. WILOHANIOAL	
Dimensions : Diameter	45 mm
Height	830 mm
Weight	0.5 kg (max)
Connector	N- type female
Radome	PLASTIC, UV Resistant
Outline Drawing	RD42355400C
3. MOUNTING KIT	SEE RD41191800C , MT-120030

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4. ENVIRONMENTAL							
TEST	STANDARD	DURATION	TEMPERTURE	NOTES			
Low Temperature	IEC 68-2-1	72 h	-55℃	-			
High Temperature	IEC 68-2-2	72 h	+71℃	-			
Temp. Cycling	IEC 68-2-14	1 h	-45℃ +70℃	3 Cycle s			
Vibration	IEC 60721-3-4	30	-	Random			
		min/axis		4M3			
Shock Mechanical	IEC 60721-3-4	-	-	4M3			
Humidity	ETSI EN300-2-4	144 h	-	95%			
	T4.1E						
Water Tightness	IEC 529	-	-	IP67			
Solar Radiation	ASTM G53	1000 h	-	-			
Flammability	UL 94	-	-	Class HB			
Salt Spray	IEC 68-2-11 Ka	500 h	-	-			
Ice And Snow	-	-	-	25mm			
				Radial			
Wind Speed Survival							
Operation	-	-	-	220 Km/h			
	-	-	-	160 Km/h			

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