Technical Data Sheet



BROADBAND OVERMOLDED WHIP 225 - 512 MHZ 10W



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PAGE 2/3	ISSUE 08-10-15A	SERIES ANTENNA	PART NUMBER	R380000178			
ELECTRICAL CHARACTERISTICS (Measurement on handheld radio 5 x 7 x 20 cm) Frequency : 225-512 MHz							
Nominal Impedance :			50	Ω			
VSWR (stand alone) : VSWR (Walkie Talkie):			3:1 3:1	Max			
	Gain (typical) Peak Gain @ (cf to typical)) 2 225-512 MHz : gain curve)	2.2	dBi			
	Radiation Pa Ho Ve	ttern rizontal Plane (Θ=90° rtical Plane (Φ=0°/90'	Omni-directional >): Dipolar				
	Polarization :		LINEAR VERTICAL				
	Power withst	anding :	10	W *			
	Connector ty	pe :	TNC plug (Male)				
		TEDISTICS	ENV/DONMENT				
M	ECHANICAL CHARAC	TERISTICS	ENVIRONMENT	AL CHARACTERISTICS			

Antenna Color : Antenna Material :	MATTE BLACK Polyurethane DESMOPAN 445		Operating Temperature :
Antenna Texture :	Mold-Tech MT 11030		Storage
Overmolding flexibility : Overmolding pull strength : Maximum mating torque :	±180° - 500 50 22.2	Cycles N N.cm	Temperature :
Weight :	90	g max.	Fulfilluity .
Overall length :	274	mm	Inomoroion .
RoHS Compliant:	Yes		(mated to radio)

-30	/+60 °C
IAW MIL-STD-4	810G
meth 501.5 & 502.5, pi	ocⅡ
-35-	/+70 °C
IAW MIL-STD-1	810G
meth 501.5 & 502.5, p	rocⅠ

Induced Hot Humid IAW MIL-STD-810G meth 507.5, proc II

20m, for 2h IAW MIL-STD-810G meth 512.5, proc I

OTHERS CHARACTERISTICS

* Depending on customer's usage or application

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