MANPACK BLADE ANTENNA 30 - 512 MHZ 20W



MANPACK BLADE ANTENNA 30 - 512 MHZ 20W



PAGE <b>2/7</b>	ISSUE 04-05-15C	SERIES ANTENNA	PART NUMBER <b>R380000165</b>			
ELECTRICAL CHARACTERISTICS						
Frequency :				30-5	12 MHz	
VSWR (Walkie Talkie) :			3.5	50 Ω 5:1 Max		
Typical Gain @ 90° (Horizon) :				See Plo	ots	
Radiation Pattern						
Horizontal Plane (Θ=90°) : Vertical Plane (Φ=0/90°) :				Omnidirectional Dipolar		
Polarization :				LINEAR VERTICAL		
Power Handling :				20 W duty cycle (1min on/1 min off)		
Connector type -				TNC		
Connector type .						
MECHANICAL CHARACTERISTICS			ENVIRONMENTAL CHARACTERISTICS			
Antenna color :		MATTE BLACK		Operating	-40/+70	°C
Matching unit mate	erial : PET	35% GF (Dupont		temperature :	501.4 & 502.4, Proc. II	
		Rynite 935)		Storage	-40/+85 MIL-STD-810E Mothods	°C
Matching unit textu	ire : Mo	Id-Tech MT 11040		temperature .	501.4 & 502.4, Proc. I	
Matching unit lengt	h ·	76.6	mm	Thermal Shocks :	Range 1: +25 +65 -40	°C °C
		10.0			MIL-STD-810F, Meth. 503.4,	0
Blade material :		Stainless steel		Humidity	Proc. I Steady State 95%	Relative
Blade flex test :	0-180	500 around ø10 mm°	Cycles	(Non-condensing) :	Through Op. Temp range MIL-STD-810E, Meth 507.3 & 502 3. Proc. III	Humidity
Gooseneck Flexibi	lity :	500	Cycles	Salt Fog	5%	Salt
0-90° around ø150 mm				96 MIL-STD-810F. Methods	Hrs	
Gooseneck Stiffnes	SS :	Horizontal, 0.73	kg	Observice	509.4	
		(W/O Deflection) Horizontal, 0.997	kg	Snock : (Transit Drops)	Drop Height 1.2 MIL-STD-810F, Meth 516.5,	m
	(	w/ 45° deflection) Bent 90° 0 54	ka		Proc. IV, 26 Drops (Stand Alone)	
	(	w/ 45° deflection)	ĸġ	Immersion :	20 Drops (Stand Alone) 2	m
Weight :		349.10	a max		30 MIL-STD-810F. Meth 512.4.	min
			9		Procedure I,	
Overall length :		1250	mm		preconditioning temp.)	
			Vibration :	MIL-STD-810F, Method		
				(1003e caryo)	Category 5,	
					Attached to transceiver & Stand alone	
				Altitude	30,000	Ft
				(Operational) :	MIL-SID-810E, Method 500.3, Procedures I & II	

MANPACK BLADE ANTENNA 30 - 512 MHZ 20W







MANPACK BLADE ANTENNA 30 - 512 MHZ 20W





MANPACK BLADE ANTENNA 30 - 512 MHZ 20W





MANPACK BLADE ANTENNA 30 - 512 MHZ 20W

