

SPECIFICATIONS

ELECTRICAL

	CHANNEL 1	CHANNEL 2	CHANNEL 3
FREQUENCY [GHz]:	1.01-1.1	1.01-1.1	1.01-1.1
VSWR, max:	1.25:1	1.25:1	1.25:1
VSWR WOW:	0.05	0.05	0.08
INS LOSS (dB):	.50 max	.50 max	.50 max
PEAK POWER [kW]:	10	10	10
AVERAGE POWER [W]:	150	150	300
PHASE TRACKING [degrees]: ALL CHAN:		2	
DIFFERENTIAL LOSS BETWEEN ALL CHAN:		.2dB	
CHANNEL ISOLATION [dB], min: ALL CHAN:		60	

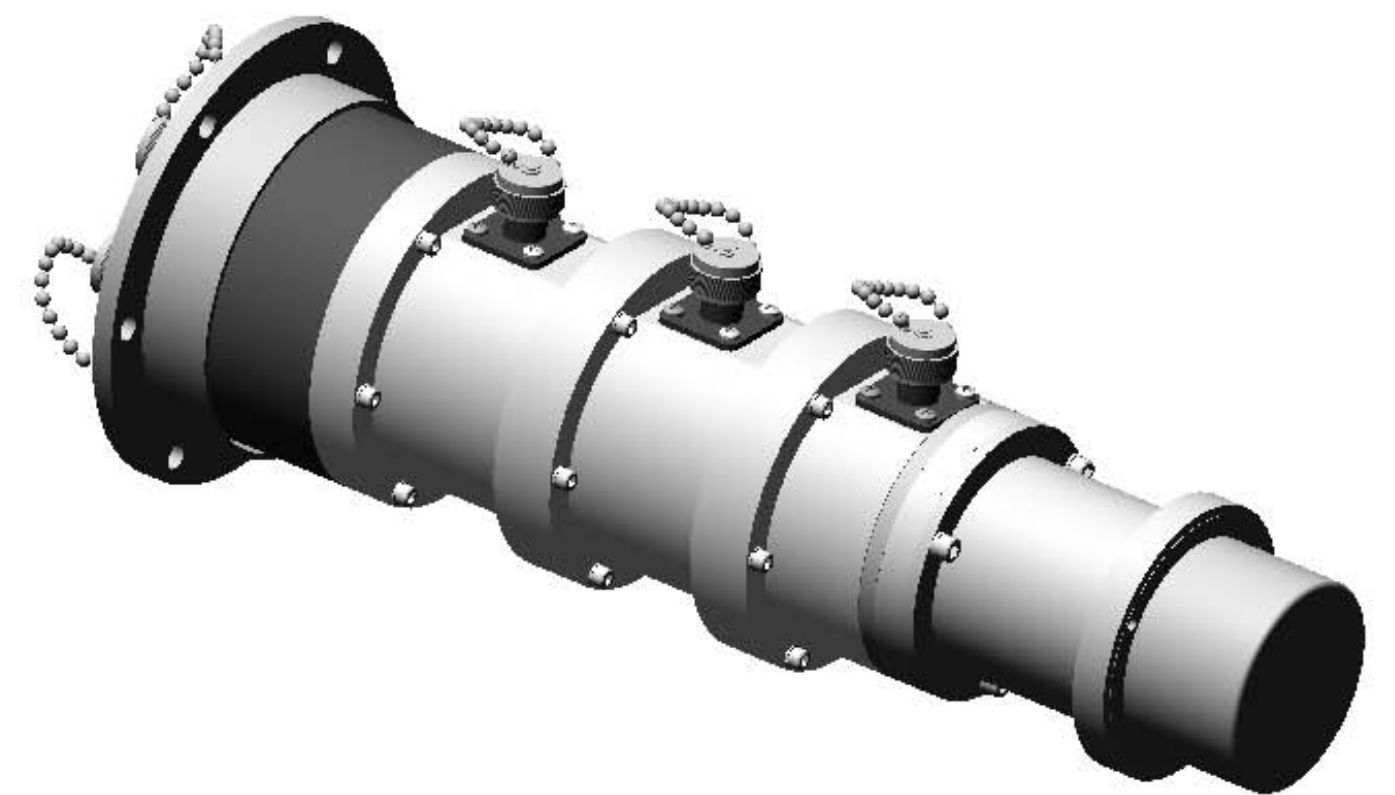
MECHANICAL

STARTING TORQUE, MAX :	[5.42 N-m] 4 ft-lbs
ROTATION SPEED [RPM]:	24 TYP, 60 MAX (INTERMITTENT)
WEIGHT, approximate:	[4.1kg] 9lbs
LIFE, min [REVOLUTIONS]:	100 MILLION

ENVIRONMENTAL

OPERATING TEMP [C]:	-40 TO 70
STORAGE TEMP [C]:	-50 TO 70
HUMIDITY [Rh]:	100%

CONNECTORS:	TYPE N JACK
MATERIAL:	ALUMINUM
FINISH:	TBD
MARKING:	per MIL-STD-130



THIRD ANGLE PROJECTION

DIMENSIONS ARE IN INCHES. REMOVE ALL BURRS AND SHARP EDGES .005 MAX, UNLESS OTHERWISE SPECIFIED. SURF FINISH 63 TOLERANCES ARE:

FRACTIONS	DECIMALS	ANGLES
±1/64	2 PLACES ±.03	±1/2°
	3 PLACES ±.010	

INTERPRET DIMENSIONS & TOLERANCES PER ASME Y14.5M

DIAMOND ANTENNA & MICROWAVE CORP
LITTLETON, MA 01460

TITLE: **3 CHAN COAX ROTARY JOINT**

SIZE: C	CAGE CODE: 01882	DRAWING NUMBER: CAT 29-2355-0
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SCALE: 1:2	WEIGHT (EST.):	SHEET 1 OF 1
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