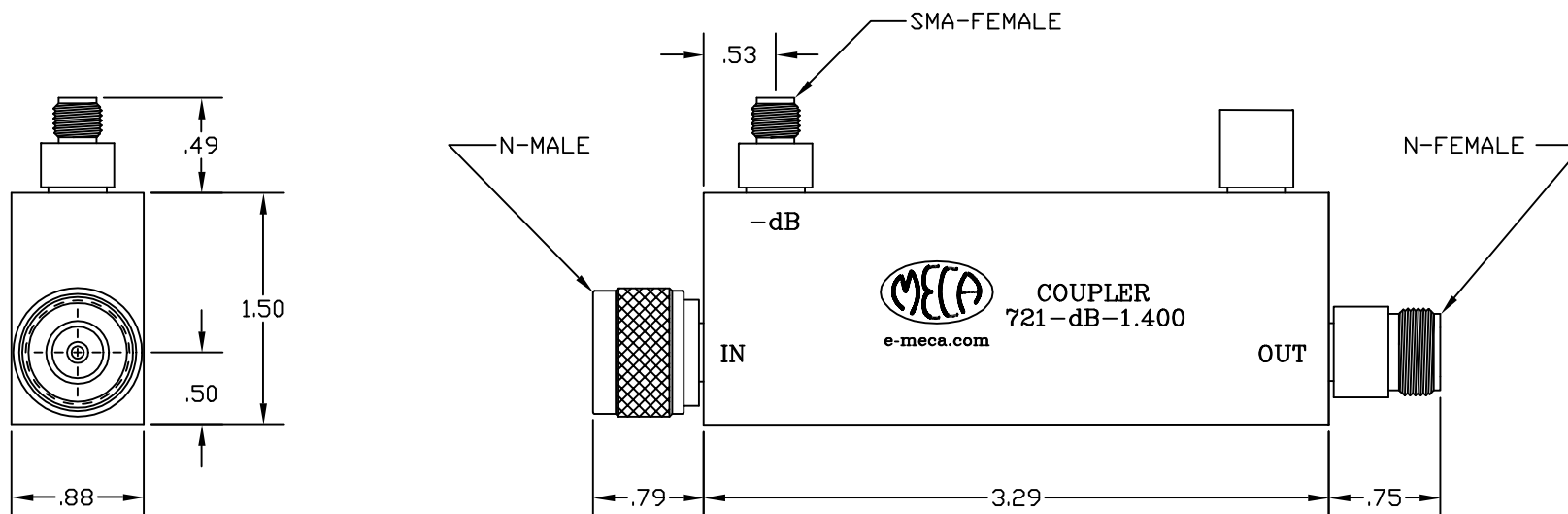


ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 0.800-2.000
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR (MAX): 1.10 : 1
 COUPLING: NOMINAL ± 1.5 dB
 (INCLUDES ALL VARIATIONS)
 DIRECTIVITY (MIN): 25 dB
 INSERTION LOSS (MAX): 0.1 dB
 (EXCLUDING COUPLED POWER)
 POWER RATING: AVG: SEE TABLE
 PEAK: 10 KWATTS

MECHANICAL SPECIFICATIONS

CONNECTORS:
 INPUT: N-MALE, BRASS, NICKEL PLATE
 OUTPUT: N-FEMALE, BRASS, NICKEL PLATE
 COUPLING: SMA-FEMALE, STAINLESS STEEL, PASSIVATE
 HOUSING: ALUMINUM, YELLOW IRIDITE
 INSULATORS: TEFLON, VIRGIN ELECTRICAL GRADE
 TEMPERATURE: -65°C TO +150°C



PART NO.	COUPLING (dB) (NOMINAL)	POWER RATING (WATTS)	
		FORWARD	REVERSE
721-06-1.400	6	100	10
721-10-1.400	10	250	25
721-20-1.400	20	500	250
721-30-1.400	30	500	500
721-40-1.400	40	500	500
721-50-1.400	50	500	500

LTR	DESCRIPTION	DATE	APP	MATERIAL:		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			ELECTRONICS, INC.	
				FINISH:		TOLERANCES 2 PLACES: ± .05 3 PLACES: ± --- ANGLES: ± ---			DENVILLE, NEW JERSEY e-meca.com	
				DRAWN:	DATE:	TIR:		TITLE DIRECTIONAL COUPLER SPECIFICATION DRAWING		
				EMB	04/30/01					
				APPROVED:	DATE:	SCALE:	NTS			SIZE
				MJD	04/30/01	SHEET:		A	22424	721-dB-1.400