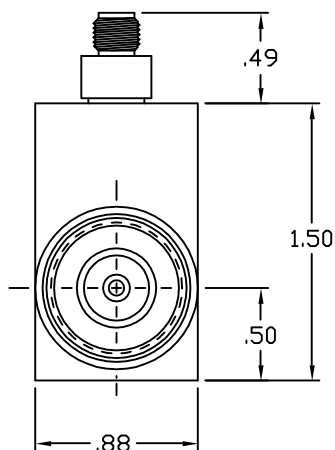


ELECTRICAL SPECIFICATIONS

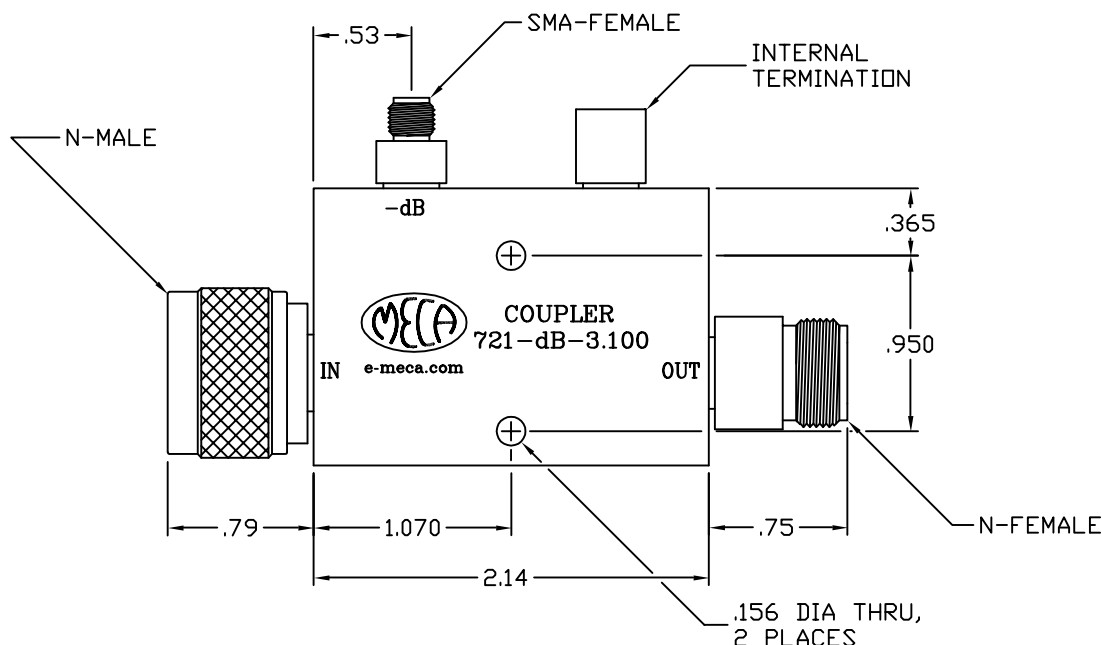
FREQUENCY RANGE (GHz): 2.000-4.200
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR (MAX): SEE TABLE
 COUPLING: *NOM ±1.2 dB
 (INCLUDES ALL VARIATIONS)
 DIRECTIVITY (MIN): SEE TABLE
 INSERTION LOSS (MAX): 0.1 dB
 (EXCLUDING COUPLED POWER)
 POWER RATING: AVG: SEE TABLE
 PEAK: 10 KWATTS

*NOMINAL COUPLING VALUES OF
 6, 10, 20, 30 & 40 dB AVAILABLE



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)	DIRECTIVITY (dB) (MIN)	VSWR (MAX)	POWER RATING (WATTS)	
				FORWARD	REVERSE
721-06-3.100	6	20	1.20:1	100	10
721-10-3.100	10	22	1.15:1	250	25
721-20-3.100	20	25	1.15:1	500	250
721-30-3.100	30	25	1.15:1	500	500
721-40-3.100	40	22	1.15:1	500	500

LTR	DESCRIPTION	DATE	APP

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 ELECTRONICS, INC. DENVER, NEW JERSEY e-meca.com	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ± .05 3 PLACES: ± .020 ANGLES: ± ---			
DRAWN: RWA	DATE: 05/07/02	TIR:		TITLE DIRECTIONAL COUPLER SPECIFICATION DRAWING	
APPROVED: MJD	DATE: 05/07/02	SCALE: NTS	SIZE A	CODE IDENT. NO. 22424	DRAWING NO. 721-dB-3.100
		SHEET:			