

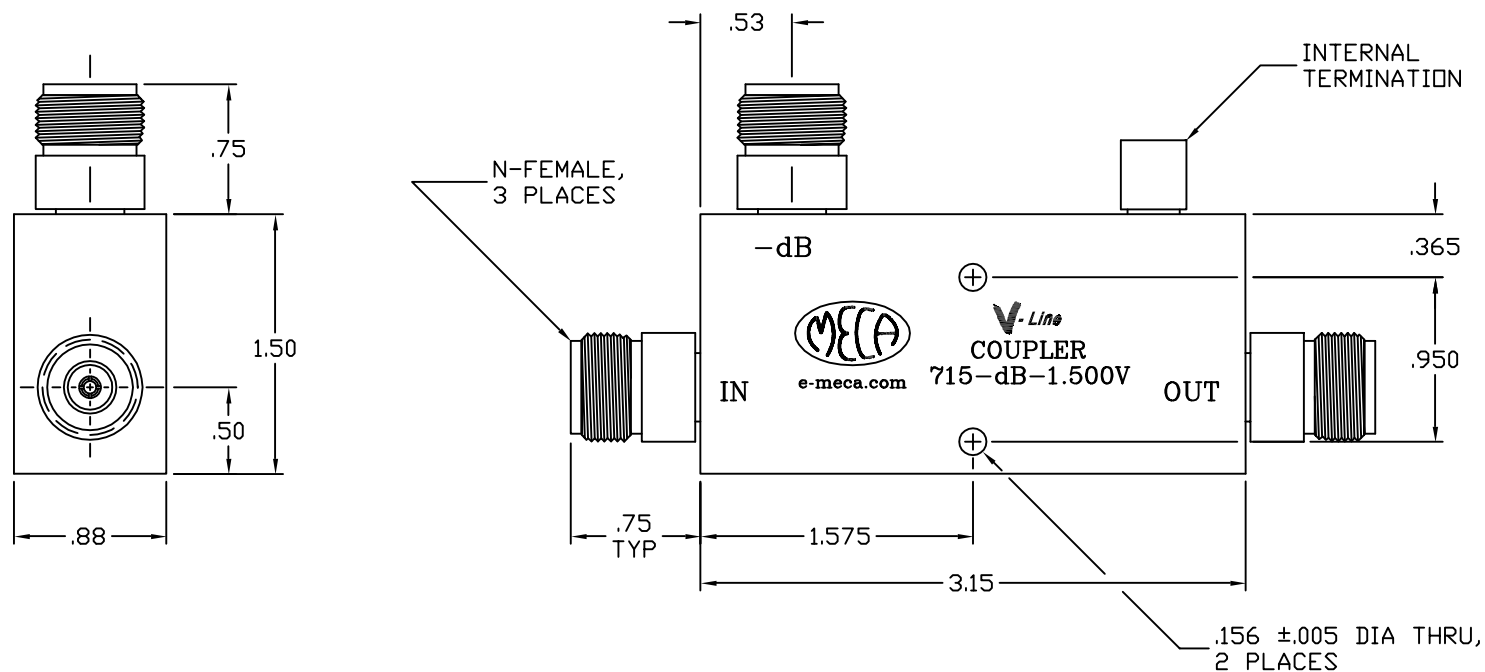
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 0.800-2.200
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR (MAX): SEE TABLE
 COUPLING: *NOMINAL ± 1.75 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: N-FEMALE, BRASS, NICKEL PLATE
 CONTACT PINS: BERYLLIUM COPPER, GOLD PLATE
 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
715-06-1.500V	6	22	1.20:1	100	10
715-10-1.500V	10	25	1.15:1	250	25
715-20-1.500V	20	27	1.10:1	500	250
715-30-1.500V	30	27	1.10:1	500	500
715-40-1.500V	40	25	1.10:1	500	500

LTR	DESCRIPTION	DATE	APP

MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 ELECTRONICS, INC. DENVILLE, NEW JERSEY e-meca.com	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ± .05 3 PLACES: ± .020 ANGLES: ± ---			
DRAWN: RWA	DATE: 06/11/02	TIR:		V-Line 715 SERIES DIRECTIONAL COUPLER SPECIFICATION DRAWING	
APPROVED: MJD	DATE: 06/11/02	SCALE: NTS	SIZE A		
		SHEET:		CODE IDENT. NO. 22424	DRAWING NO. 715-dB-1.500V