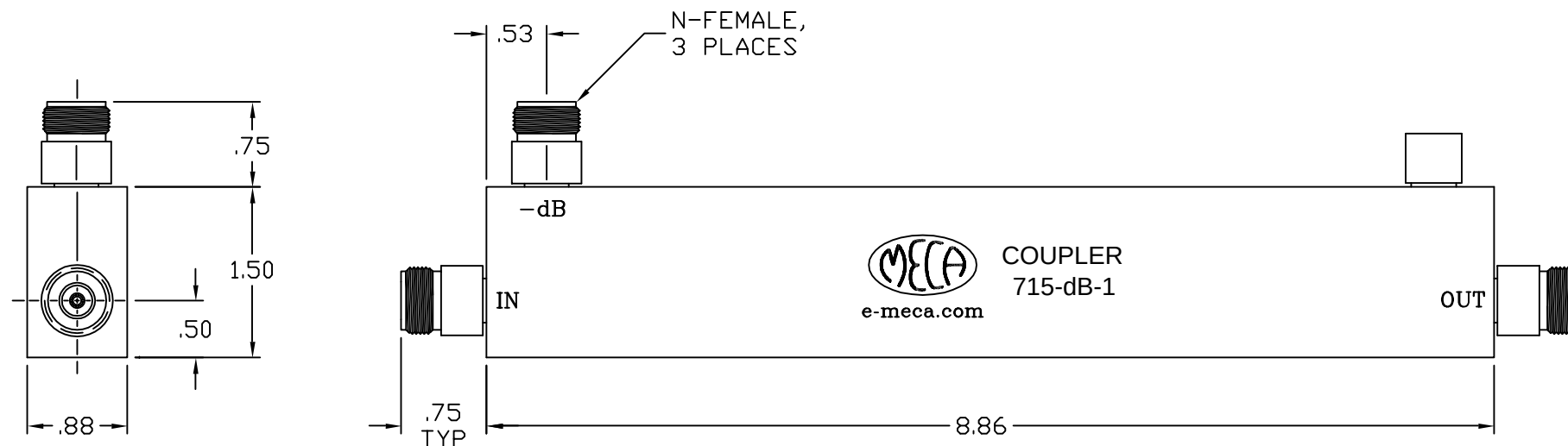


ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 0.250 - 0.500
 IMPEDANCE (NOM): 50 OHMS
 VSWR (MAX): 1.15:1
 COUPLING: NOMINAL ± 1.0 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

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 (NOMINAL)	DIRECTIVITY (MIN)	POWER RATING (WATTS)	
			FORWARD	REVERSE
715-06-1	6 dB	25 dB	100	10
715-10-1	10 dB	30 dB	100	25
715-20-1	20 dB	30 dB	500	250
715-30-1	30 dB	30 dB	500	500
715-40-1	40 dB	30 dB	500	500

A	REDRAWN	04/10/02	MJD
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: ± .02 3 PLACES: ± .010 ANGLES: ± ---			
DRAWN: RWA	DATE: 04/10/02	TIR:		TITLE DIRECTIONAL COUPLER SPECIFICATION DRAWING	
APPROVED: MJD	DATE: 04/10/02	SCALE: NTS	SIZE A	CODE IDENT. NO. 22424	DRAWING NO. 715-dB-1
		SHEET:			