

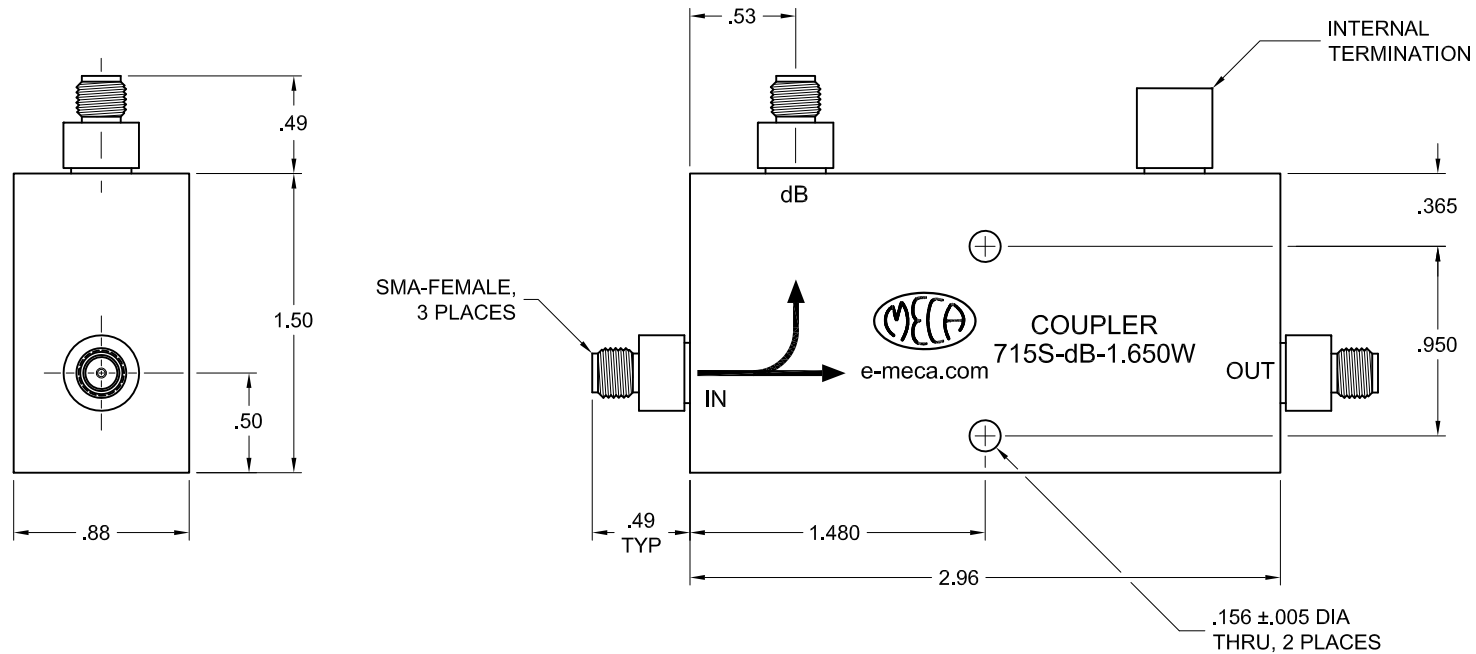
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	0.800-2.500
IMPEDANCE (NOMINAL):	50 OHMS
VSWR (MAX):	SEE TABLE
COUPLING:	*NOM ± 2.2 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:	SMA-FEMALE, STAINLESS STEEL, PASSIVATE
CONTACT PINS:	BERYLLIUM COPPER, GOLD PLATE
HOUSING:	ALUMINUM, RoHS COMPLIANT IRIDITE
INSULATORS:	PTFE, VIRGIN ELECTRICAL GRADE
TEMPERATURE:	-55°C TO +85°C
WEIGHT:	6.7 oz



PART NO.	COUPLING (dB) (NOMINAL)	DIRECTIVITY (dB) (MIN)	VSWR (MAX)	POWER RATING (WATTS)		B	SEE DCN #081117-6	11/20/08	RR	MATERIAL: SEE ABOVE	UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	ELECTRONICS, INC. DENVER, NEW JERSEY e-meca.com	
				FORWARD	REVERSE								
715S-06-1.650W	6	22	1.20:1	100	10					FINISH: SEE ABOVE	TOLERANCES 2 PLACES: $\pm .02$ 3 PLACES: $\pm .010$ ANGLES: \pm --	TITLE 715S SERIES DIRECTIONAL COUPLER SPECIFICATION DRAWING	
715S-10-1.650W	10	25	1.15:1	100	25					DRAWN: RWA	DATE: 08/27/03		TIR:
715S-20-1.650W	20	27	1.15:1	100	100					APPROVED: MJD	DATE: 08/27/03	SCALE: NTS	SIZE A
715S-30-1.650W	30	27	1.15:1	100	100							SHEET: 1 OF 1	
715S-40-1.650W	40	25	1.15:1	100	100	LTR	DESCRIPTION	DATE	APP			CODE IDENT. NO. 22424	DRAWING NO. 715S-dB-1.650W