

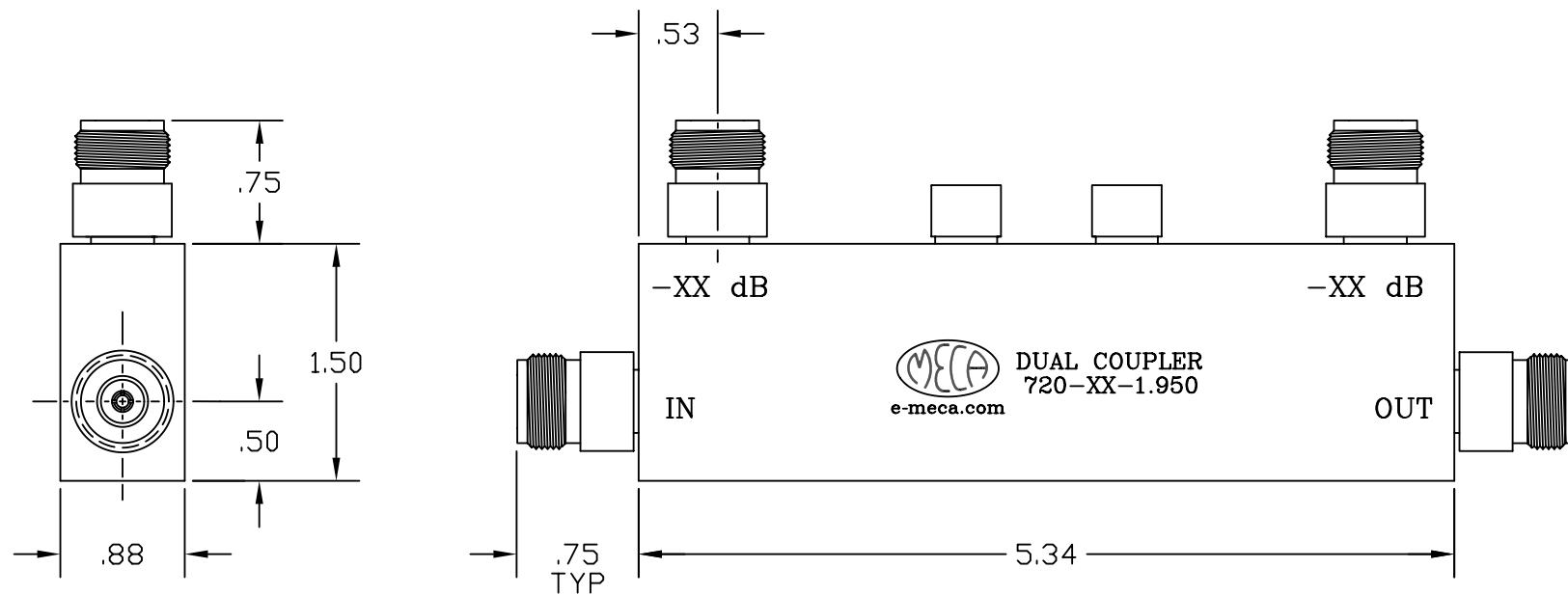
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	1.700- 2.200
IMPEDANCE (NOMINAL):	50 OHMS
VSWR (MAX):	1.10 : 1
COUPLING CHARACTERISTICS:	
COUPLING NOMINAL:	SEE TABLE
COUPLING VARIATION (TOTAL):	± 0.6 dB
TRACKING (TOTAL):	0.2 dB
DIRECTIVITY (MIN):	25 dB
INSERTION LOSS (MAX):	0.2 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

*CONNECTORS MEET MATING CHARACTERISTICS OF MIL-STD-348A



PART NO	COUPLING (NOMINAL)	POWER RATING	
		FORWARD	REVERSE
720-10-1.950	10 dB	100 W	25 W
720-20-1.950	20 dB	500 W	250 W
720-30-1.950	30 dB	500 W	500 W
720-40-1.950	40 dB	500 W	500 W

				MATERIAL:		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES		 ELECTRONICS, INC. DENVILLE, NEW JERSEY e-meca.com			
				FINISH:		TOLERANCES 2 PLACES : ± .05 3 PLACES : ± .005 ANGLES : ± .005					
				DRAWN: LB	DATE: 08/14/00	TIR:			TITLE DUAL DIRECTIONAL COUPLER SPEC CONTROL DRAWING		
				APPROVED: MJD	DATE: 08/14/00	SCALE: NTS	SIZE			CODE IDENT. NO. 22424	DWG. NO. 720-XX-1.950
						SHEET: 1 OF 2	A				