

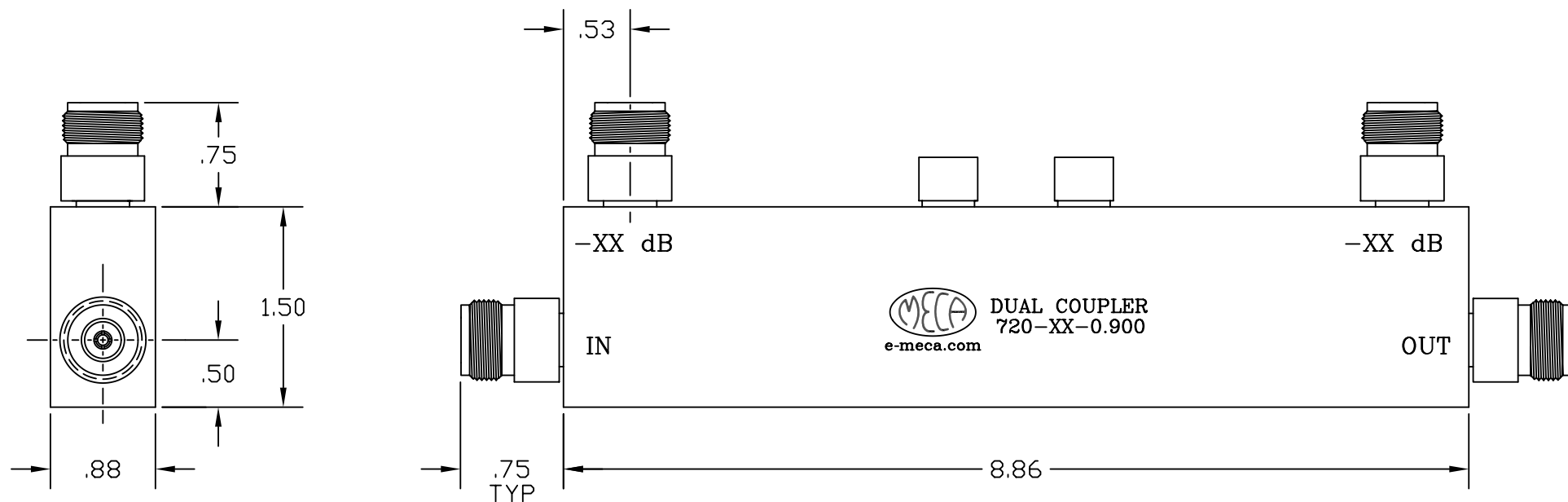
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz):	0.800-1.000
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):	30 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
720-10-0.900	10 dB	100 W	25 W
720-20-0.900	20 dB	500 W	250 W
720-30-0.900	30 dB	500 W	500 W
720-40-0.900	40 dB	500 W	500 W

					<table><tr><td colspan="2">MATERIAL:</td><td colspan="2">UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES</td><td rowspan="2"></td><td colspan="2">ELECTRONICS, INC. DENVER, NEW JERSEY e-meca.com</td></tr><tr><td colspan="2">FINISH:</td><td colspan="2">TOLERANCES 2 PLACES : ± .05 3 PLACES : ± .0005 ANGLES : ± .0001</td></tr><tr><td>DRAWN: LB</td><td>DATE: 08/22/00</td><td colspan="2">TIR:</td><td colspan="3" rowspan="2">TITLE DUAL DIRECTIONAL COUPLER SPEC CONTROL DRAWING</td></tr><tr><td>APPROVED: MJD</td><td>DATE: 08/22/00</td><td>SCALE: NTS</td><td>SIZE A</td><td>CODE IDENT. NO. 22424</td><td>DWG. NO. 720-XX-0.900</td></tr></table>	MATERIAL:		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES			ELECTRONICS, INC. DENVER, NEW JERSEY e-meca.com		FINISH:		TOLERANCES 2 PLACES : ± .05 3 PLACES : ± .0005 ANGLES : ± .0001		DRAWN: LB	DATE: 08/22/00	TIR:		TITLE DUAL DIRECTIONAL COUPLER SPEC CONTROL DRAWING			APPROVED: MJD	DATE: 08/22/00	SCALE: NTS	SIZE A	CODE IDENT. NO. 22424	DWG. NO. 720-XX-0.900
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