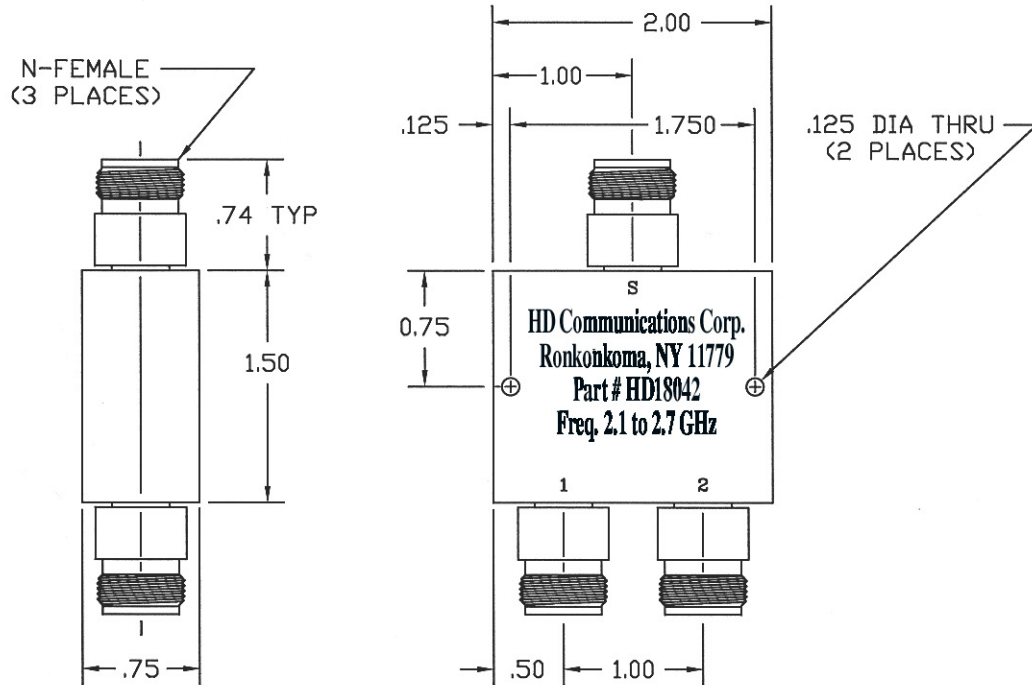


ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE (GHz): 2.100-2.700
 IMPEDANCE (NOMINAL): 50 OHMS
 VSWR: INPUT: 1.10:1 TYPICAL/1.15:1 MAX
 OUTPUT: 1.10:1 TYPICAL/1.15:1 MAX
 INSERTION LOSS (dB): 0.20 TYPICAL/0.25 MAX
 AMPLITUDE BALANCE (MAX): 0.1 dB
 PHASE BALANCE (MAX): 1 DEGREE
 ISOLATION (dB): 40 TYPICAL/30 MIN
 RF POWER (TOTAL MAX): 10 WATTS INPUT WITH LOAD
 VSWR 1.2:1 OR BETTER

MECHANICAL SPECIFICATIONS

*CONNECTORS: N-FEMALE, BRASS, NICKEL PLATE
 CONNECTOR PINS: BERYLLIUM COPPER, GOLD PLATE
 HOUSING: ALUMINUM, YELLOW IRIDITE
 INSULATORS: TEFLON[®], VIRGIN ELECTRICAL GRADE
 TEMPERATURE: -55°C TO +70°C
 *CONNECTORS MEET MATING CHARACTERISTICS OF MIL-STD-348A



MATERIAL: SEE ABOVE		UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	
FINISH: SEE ABOVE		TOLERANCES 2 PLACES: ± .02 3 PLACES: ± .010 ANGLES: ± ----	
DRAWN: MCD	DATE: 09/13/00	TIR:	
APPROVED: MJD	DATE: 09/13/00	SCALE: NTS	SIZE A
		SHEET: 1 OF 3	

HD Communications Corp.
Ronkonkoma, NY USA
www.hdcom.com

TITLE
 2-WAY, IN PHASE (0 DEGREE), POWER DIVIDER/COMBINER, N-FEMALE

CODE IDENT. NO.
 22424

HD18042

A	REDRAWN	09/13/00	MJD
LTR	DESCRIPTION	DATE	APP