



FEATURES:

- * DBS BAND DIPLEXER
- * HIGH POWER HANDLING
- * LOW LOSS & VSWR
- * WIDE CHOICE OF BANDWIDTHS

FREQUENCY	
PORT A TO C	————— $F_o \pm 16.5$ MHz
PORT B TO C	————— 17.3 - 18.1 ghz @ $F_o \pm 46$ Mhz OR MORE
VSWR (WITH REMAINING PORTS TERMINATED)	
PORT A TO C	————— 1.15 MAX
PORT B TO C	————— 1.15 MAX
INSERTION LOSS	
PORT A TO C	————— 1.20 DB @ F_o , 1.40 DB @ $F_o \pm 16.5$ Mhz
PORT B TO C	————— 0.35 dB
ISOLATION	
PORT A TO C	————— 20 dB MIN
PORT A TO B	————— 20 dB MIN $F_o \pm 46$ Mhz
PORT A TO B	————— 40 dB MIN $F_o \pm 46$ Mhz OR MORE
GROUP DELAY	
PORT A TO C	————— 3.0 NS
PORT B TO C	————— 2.5 nS IN ANY 40 MHz BANDWIDTH
POWER HANDLING	
PORT A TO C	————— 1.5 KW MIN
PORT B TO C	————— 4 KW MIN

COOLING - FORCED AIR, SPECIFY FAN VOLTAGE WHEN ORDERING.
 FINISH HIGH TEMPERATURE FLAT BLACK
 PRESSURE TEST 5 PSIG

Microwave Components and Systems Inc 131 Flanders Road, Westborough MA 01581		
DIPLEXER 17.3-18.1 GHZ DBS - WR-62		
SIZE	OUTLINE NO.	REV
C	4008-0000	-
FILE: DIP5	DATE: 12/14/99	