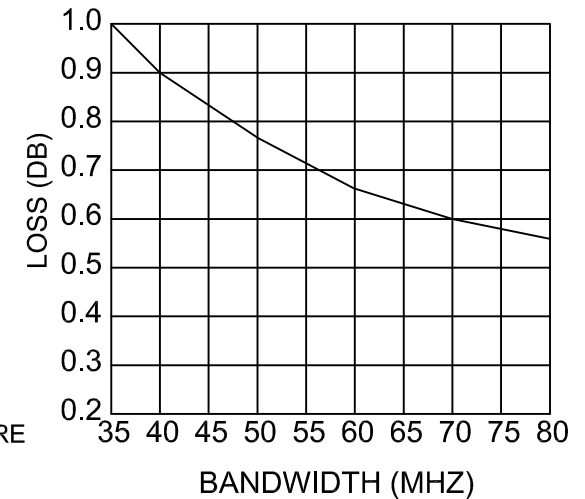


FEATURES:

- * LOW INSERTION LOSS AND VSWR
- * HIGH POWER HANDLING
- * MULTIPLE CHANNEL COMBINING USING TWO OR MORE IN SERIES
- * HIGH ISOLATION BETWEEN CHANNELS
- * LOW GROUP DELAY
- * WIDE CHOICE OF BANDWIDTHS

PORT A - INSERTION LOSS



FREQUENCY		————— CENTER FREQUENCY AND BANDWIDTH SELECTABLE
PORT A TO C	—————	13.75-14.5 Ghz @ CENTER FREQUENCY OF PORT A +/- 1.5 * BANDWIDTH 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	—————	REFERENCE GRAPH
PORT B TO C	—————	0.25 dB
ISOLATION		
PORT A TO C	—————	20 DB MIN. @ CENTER FREQUENCY OF PORT A +/- 1.5 * BANDWIDTH OR MORE
PORT A TO B	—————	20 DB MIN. @ CENTER FREQUENCY OF PORT A +/- 1.5 * BANDWIDTH
PORT A TO B	—————	40 DB MIN. @ CENTER FREQUENCY OF PORT A +/- 1.5 * BANDWIDTH OR MORE
GROUP DELAY		
PORT A TO C	—————	4.0 NS
PORT B TO C	—————	2.5 nS IN ANY 40 MHz BANDWIDTH
POWER HANDLING		
PORT A TO C	—————	2.0 KW MIN.
PORT B TO C	—————	6 KW MIN.

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

Microwave Components and Systems 583 Berfin Road Marlboro MA		
DIPLEXER 13.75-14.5 GHZ WR-75		
	4009-0000	REV -
FILE: DIP6	DATE 12/14/99	SHEET: 1 OF 1