

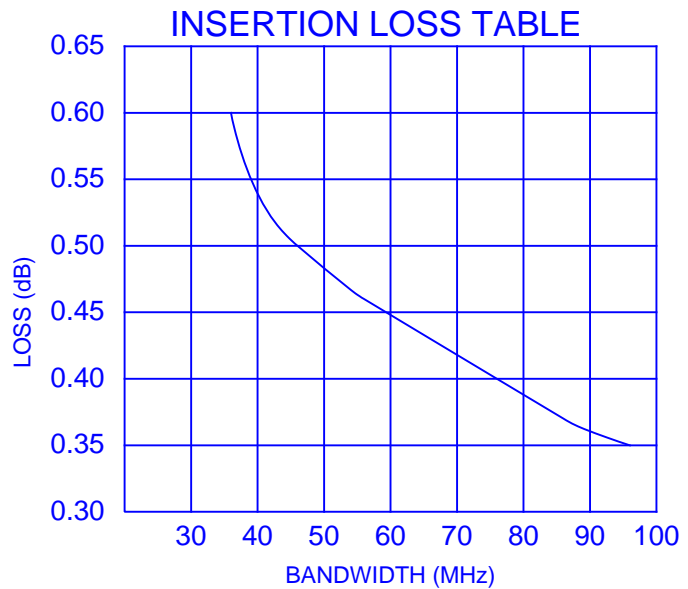
- ### FEATURES
- * EXCELLENT COMBINING EFFICIENCY
 - * HIGH POWER HANDLING
 - * LOW INSERTION LOSS & VSWR
 - * MULTIPLE CHANNEL COMBINING USING TWO OR MORE IN SERIES
 - * HIGH ISOLATION BETWEEN CHANNELS
 - * WIDE CHOICE OF FILTER BANDWIDTHS
 - * CHANNEL SPACING OF 1.5 x BANDWIDTH TO BANDEDGE OF NEXT CHANNEL
 - * OTHER CHANNEL SPACING AVAILABLE UPON REQUEST

MECHANICAL SPECIFICATIONS

MATERIAL - MATING FLANGES BRASS
 FINISH - HIGH TEMPERATURE FLAT BLACK
 FLANGES - WR 137 CPRG (GASKET GROOVED)
 PRESSURE - 10 PSIG MAX
 TOLERANCES - 3 PLACES ± 0.10
 2 PLACES ± 0.20

ELECTRICAL SPECIFICATIONS

FREQUENCY	
FILTER INPUT PORT TO OUTPUT (PORT A-C)	_____ Fo (Any Center Frequency 5.850-6.425 GHz)
THRU PORT TO OUTPUT (PORT B-C)	_____ 5.850- 6.425 Ghz except Fo ± 1.5 X BANDWIDTH OR MORE
VSWR (WITH REMAINING PORTS TERMINATED)	
FILTER INPUT PORT TO OUTPUT (PORT A-C)	_____ 1.15 MAX
THRU PORT TO OUTPUT (PORT B-C)	_____ 1.15 MAX
INSERTION LOSS	
FILTER INPUT PORT TO OUTPUT (PORT A-C)	_____ PER GRAPH
THRU PORT TO OUTPUT (PORT B-C)	_____ 0.2 dB
ISOLATION	
FILTER INPUT PORT TO THRU PORT (A-C)	_____ 20 dB MIN
THRU PORT TO FILTER INPUT PORT (A-B)	_____ 40 dB MIN
GROUP DELAY	
FILTER INPUT PORT TO THRU PORT (A-C)	_____ 4.0 NS
THRU PORT TO OUTPUT (PORT B-C)	_____ 2.5 nS IN ANY 40 MHz BANDWIDTH
POWER HANDLING	
PORT A TO C	_____ 3 KW MAX
PORT B TO C	_____ 15 KW MAX



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DIPLEXER		
WR-137		
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