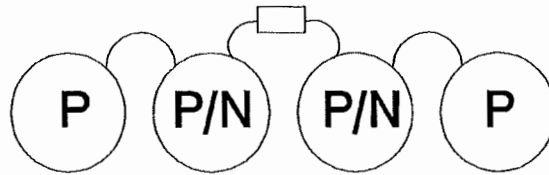
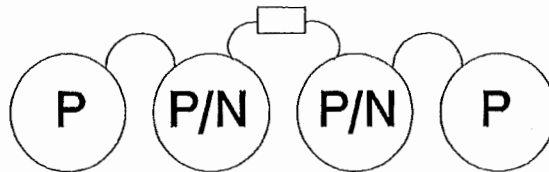


# SPECIAL PASS / NOTCH DUPLEXER FOR 420 - 450 AND 900



THE 420-445 CONFIGURATION USES T 1500 CAVITIES  
THE TWO PASS CAVITIES CAN EITHER BE .5 OR 1 DB UNITS  
THE PASS/REJECT CAVITIES ARE NOT CHANGED  
THE HIGH PASS SIDE USES A 15.5" CABLE  
THE LOW PASS SIDE USES A 8.5" GREEN CABLE  
THE TEE CABLE IS NOT CHANGED  
WITH 1 DB LOOPS ON THE PASS THE MAX  
LOSS IS LESS THAT 2 DB TX/RX IS 90DB+  
NOTCH IS 90 DB OR BETTER



THE 900 CONFIGURATION USES THE DB 4090 CAVITIES IN THE  
SAME CONFIGURATON AS 440 ABOVE  
THE NOTCH FILTERS ARE CONVERTED TO PASS  
BY ELIMINATING THE NOTCH PARTS  
THE CONNECTING CABLE IS 8.125" OF RG-9 OR  
8.5 " OF RG-142  
THE TEE CABLE IS KEPT STANDARD  
LOSS IS LESS THAN 1.5 DB  
NOTCH IS FROM 65 TO 100 DB

**NOTE:**

THE REASON FOR DOING THESE MODS IS IT WILL  
HELP PROTECT YOUR RECIEVER 20 DB BETTER AND  
DO THE SAME FOR YOUR TRANSMITTER

**JPal Consulting**

JOEL PALADINO  
May 20, 1991 REV 7/9/91