

"FR" Series Notch Filters

Electrical Specifications Notes ----->	FR-10107	FR-20107	FR-30107
		NOTE (1)	NOTE (2)
FREQUENCY RANGE MHz	30-88	132-174	406-512
FREQUENCY SEPARATION	100KHz	250-KHz (typ)	500 KHz (typ)
ISOLATION -db	-15, -20 OR -25 NOTCH		
INSERTION LOSS (TYP) -db	SEE TYPICAL CURVES AT -15 db NOTCH		
VSWR	1-5:1 (REF. TO 50 OHMS)		
INPUT POWER (MAX) WATTS	400		
TEMPERATURE RANGE	-40°C TO +60°C		
TERMINATION	TYPE "N" FEMALE		

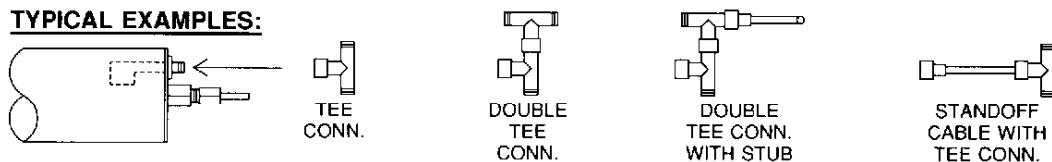
The notch (reject) filters provide exactly to opposite response of a Bandpass Filter-they "Notch Out" or reject an unwanted frequency, while passing all others.

Note (1): Furnished in 3 bands (30-40) (40-50) (66-88)

Note (2): Furnished in 2 bands (132-150) (148-174)

Various configurations are required at the loop connector junction to obtain the Passband optimized above, below, or equally with reference to the isolation notch. Consult SRL engineering if changes are required in the field.

TYPICAL EXAMPLES:



TYPICAL CURVES SHOWN ARE FOR MODEL FR-20107 (132-174 MHz)

