



PRELIMINARY SPECIFICATIONS

BLADENSBURG
MARYLAND

ENTRON HQ SERIES NOTCH FILTERS

DESCRIPTION: The HQ series notch filters or traps are sharp cutoff, high attenuation units. They have a wide tuning range and a bandwidth that remains constant when tuned to any frequency. These units afford an easy means of improving band edge response of broad-band filters or amplifiers. Their narrow bandwidth allows them to be used to eliminate narrow band co-channel interference, caused by spurious signals or beats, without noticeably affecting picture quality. Phase and attenuation characteristics are held to close tolerances and have been especially selected to be color compatible. ENTRON High Q traps are strongly recommended for use in removing adjacent channel interference to color signals. HQ series units are built in two bandwidth ranges. The HQT is a narrow trap (200 kc wide) and the HQF has a 400 kc bandwidth. They are easily installed, extremely stable and can be adjusted using only a field strength meter. They are available with various types of connectors, matched to maintain minimum VSWR and low insertion loss.

SPECIFICATIONS: Impedance 75 Ω unbalanced - in and out
 Insertion loss less than .7 db
 Peak attenuation HQT - greater than 70 db
 HQF - greater than 90 db
 30 db bandwidth HQT - 200 kc
 HQF - 400 kc

Bandwidth	For Channels		Connectors
	2 - 6	7 - 13	
Narrow (200kc)	HQT-26X	HQT-73X	ER-300 (RG-11/U)
	HQT-26	HQT-73	ER-400 (RG-59/U)
	HQT-26B	HQT-73B	ER-100 (type BNC)
	HQT-26N	HQT-73N	ER-200 (type N)
Wide (400kc)	HQF-26X		ER-300 (RG-11/U)
	HQF-26		ER-400 (RG-59/U)
	HQF-26B		ER-100 (type BNC)
	HQF-26N		ER-200 (type N)

Dimensions 7" x 2 $\frac{3}{4}$ " x 3"
 Mounting by means of tabs on case
 Mounting centers 6 $\frac{1}{2}$ "
 Weight net 1 lb 9 oz
 shipping 2 lb
 Finish grey wrinkle