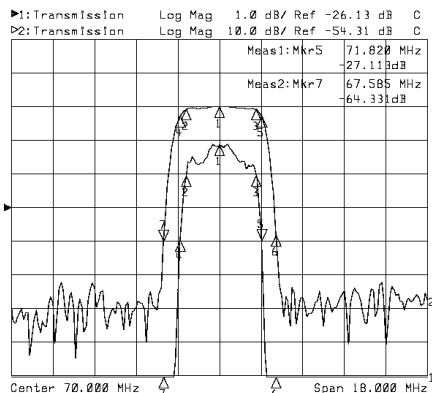
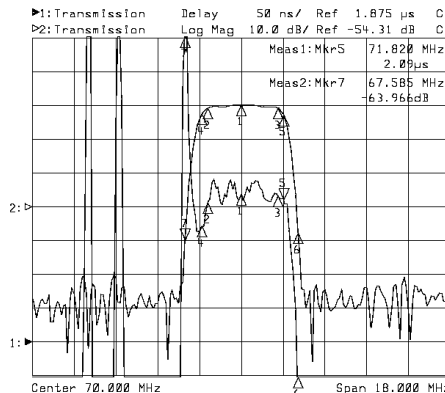


**70 MHz Standard Filter FOR Base Station application.**  
**Part Number ACTF070035V/PK11**

**Typical Performance**



Horizontal: 1.0MHz/Div  
 Vertical: 10dB/Div



Horizontal: 1.0MHz/Div  
 Vertical: 50nsec/Div

**Specifications**

Parameter	Unit	Minimum	Typical	Maximum
Centre Frequency	MHz	69.9	70.0	70.1
Insertion Loss at F <sub>0</sub>	dB		24	25
1 dB Bandwidth	MHz	3.0	3.02	
3 dB Bandwidth	MHz	3.5	3.52	3.6
40dB Bandwidth	MHz		4.88	5.0
Passband Variation	dB		0.8	0.9
Phase Linearity	Deg			
Group Delay Variation	nsec		50	70
Absolute Delay	usec		1.3	
Ultimate Rejection	dB	50	55	60
Substrate Material	-		LiTaO3	
Ambient Temperature	°C		25	

In keeping with our ongoing policy of product evolution and improvement, the above specification is subject to change without notice.

**ISO9001: 2000 Registered - Registration number 6830/2**

**For quotations or further information please contact us at:**

**3 The Business Centre, Molly Millars Lane, Wokingham, Berks, RG41 2EY, UK**

<http://www.actcrystals.com>

