



# FARADAY ROTATION FULL-BAND ISOLATOR DATA SHEET

MODEL #                     QIF-E00000                    

JOB#                     17966                    

S/N                     1796600010                    

SPECIFICATIONS			
WAVEGUIDE BAND	<u>                    E-Band                    </u>		
WAVEGUIDE SIZE	WR- <u>          12          </u>	UG- <u>          387/U          </u>	
FREQUENCY RANGE	<u>          60.0 - 90.0          </u>		GHz
INSERTION LOSS	<u>                    2.0                    </u>		dB MAX
ISOLATION	<u>                    27.0                    </u>		dB MIN
VSWR	<u>                    1.41                    </u>		

TEST DATA			
FREQUENCY	<u>          60.0 - 90.0          </u>		GHz
INSERTION LOSS	<u>                    1.34                    </u>		dB
ISOLATION	<u>                    30.29                    </u>		dB
VSWR	IN	<u>                    1.37                    </u>	
	OUT	<u>                    1.41                    </u>	

TEST TECH:           *[Signature]* #259          

DATE:                     03/09/22                    

QUALITY:                     ckp284                    

DATE:                     3/11/22



# FARADAY ROTATION FULL-BAND ISOLATOR DATA SHEET

MODEL # QIF-E00000

JOB# 17966

S/N 1796600011

## SPECIFICATIONS

WAVEGUIDE BAND	E-Band	
WAVEGUIDE SIZE	WR- <u>12</u>	UG- <u>387/U</u>
FREQUENCY RANGE	<u>60.0 - 90.0</u>	GHz
INSERTION LOSS	<u>2.0</u>	dB MAX
ISOLATION	<u>27.0</u>	dB MIN
VSWR	<u>1.41</u>	

## TEST DATA

FREQUENCY	<u>60.0 - 90.0</u>	GHz
INSERTION LOSS	<u>1.22</u>	dB
ISOLATION	<u>32.39</u>	dB
VSWR	IN <u>1.32</u>	
	OUT <u>1.32</u>	

TEST TECH:  #259

DATE: 03/09/22

QUALITY: cap 284

DATE: 3/11/22