

### Features

- ADTPX 900/1800/2100-AN composed of GSM/DCS/WCDMA band Cavity Triplexer.
- Low Insertion Loss
- Very compact size and low weight.



### Electrical Specifications

Parameter	Band 900	Band 1800	Band 2100	Remark
	GSM(J1)	DCS(J2)	WCDMA(J3)	
Frequency Range [MHz]	925 ~ 960	1,800 ~ 1,920	2,010 ~ 2,170	
Center Frequency [MHz]	942.5	1,860	2,090	
Bandwidth [MHz]	35	120	160	
Insertion Loss	0.5 dB Max.			
Pass Band Ripple	0.3 dB Max.			
Return Loss	15.0 dB Min.	18.0 dB Min.	15.0 dB Min.	
Attenuation	925 ~ 960 MHz	-	20.0 dB Min.	
	1,800 ~ 1,920 MHz	20.0 dB Min.	-	
	2,010 ~ 2,170 MHz	20.0 dB Min.	20.0 dB Min.	
Power Handling	300 W Max. (TX Port 100 W Max.)			
Impedance	50 Ω			
Operating Temp.	-40 °C ~ + 85 °C			

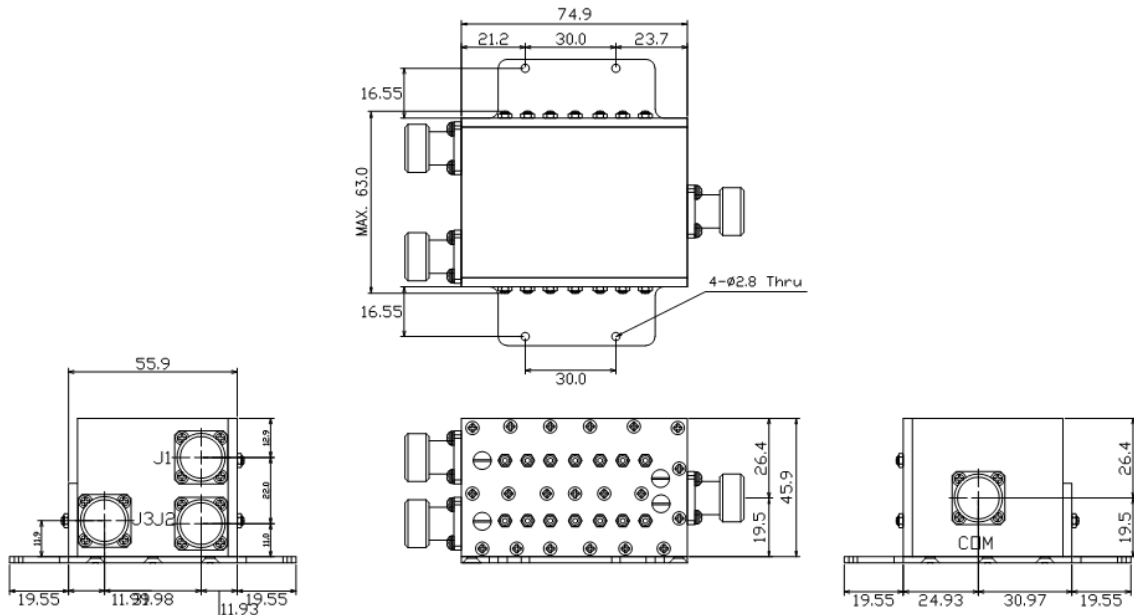
### Mechanical

Dimensions <sup>1)</sup>	74.9 x 63 x 46 mm
Weight <sup>2)</sup>	440 g Max.
RF Connector	N-type Female

1) Excluding connectors and Bracket

2) Including Bracket

# Outline Drawing



Units : mm, Tolerance : +/- 0.2 mm

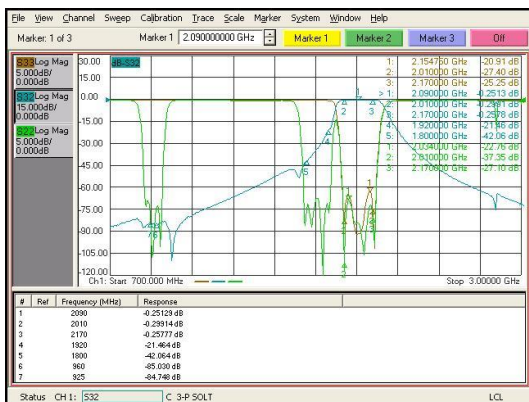
# Typical Response



Band 900



Band 1800



Band 2100