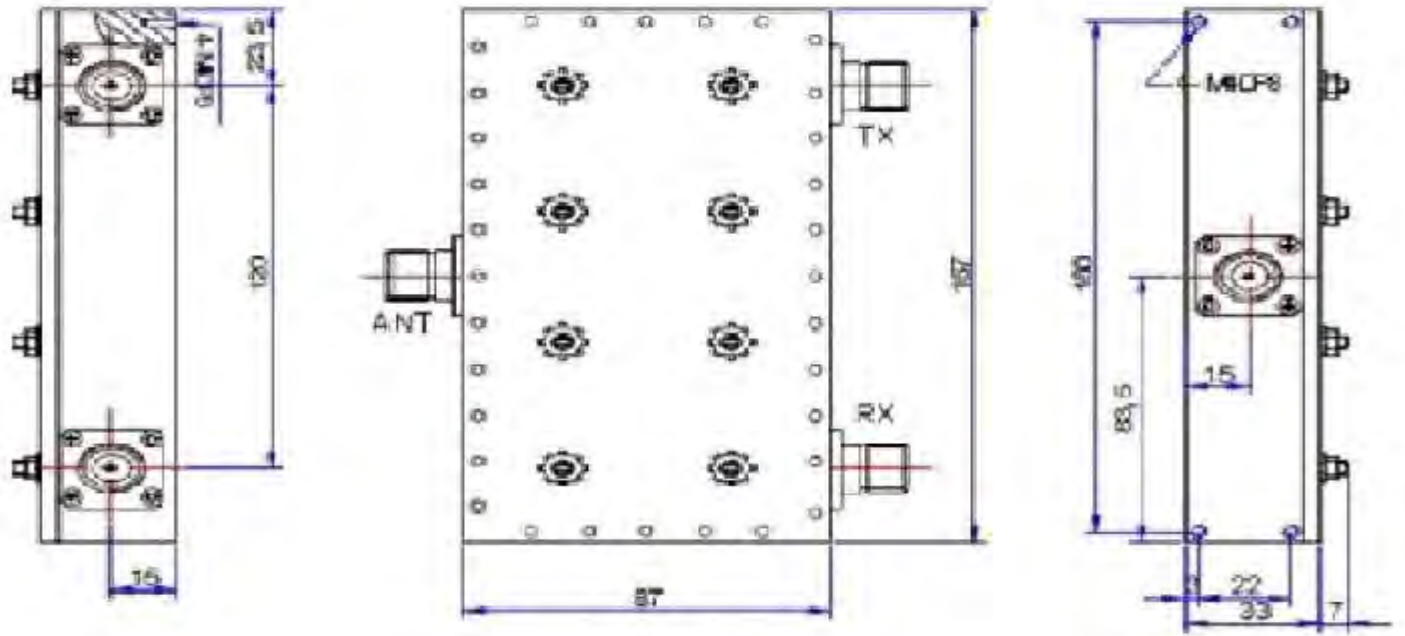




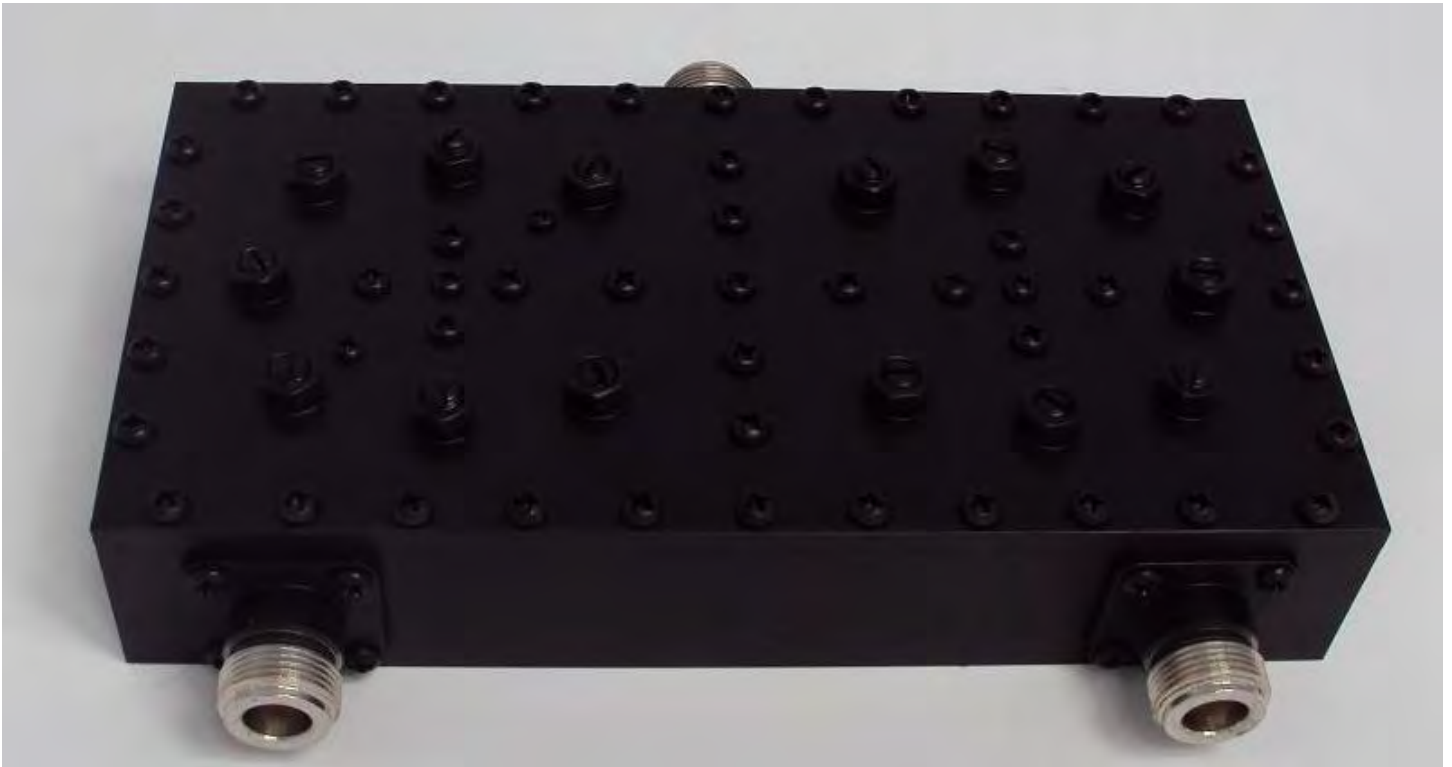
## UMTS Duplexer CSG 12000 UNX

PARAMETERS	SPECIFICATION	
Ports	RX	TX
Frequency Band	1710 ~ 1755 MHz	2110 ~ 2155 MHz
Band Width	45 MHz	45 MHz
Insertion Loss	≤ 0.3 dB	≤ 0.3 dB
Band Ripple	≤ 0.15 dB	≤ 0.15 dB
Return loss	≥ 20dB	≥20dB
Isolation	≥75 dB @ 2110 ~ 2155 MHz	≥70 dB @ 1710 ~ 1755 MHz
Power Rating	≥ 100 Watt	
Impedance	50 Ω	
Connectors	N-Female	
Temperature	-25 ~ + 65 °C	
Operating Humidity	5 ~ 95 %	
Dimension (Approx)	33 × 167 × 87 mm	
Weight	820 grams	

Structure Drawing:



Product Image:



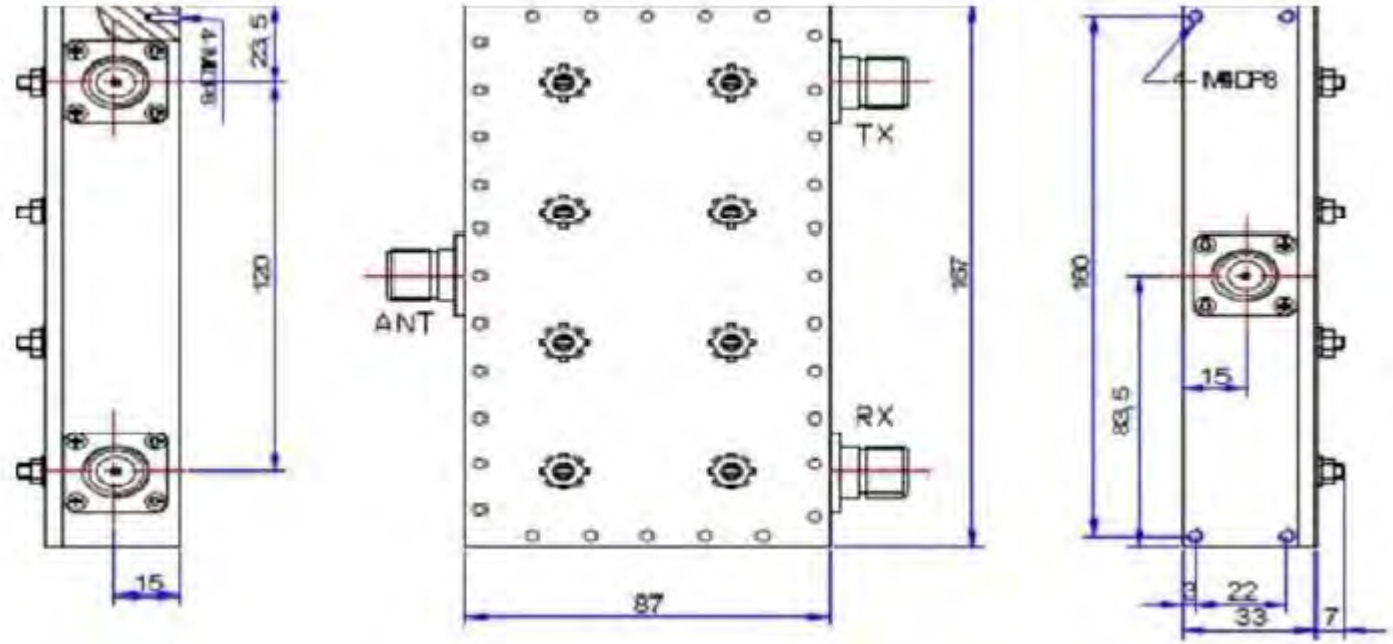
**WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT**



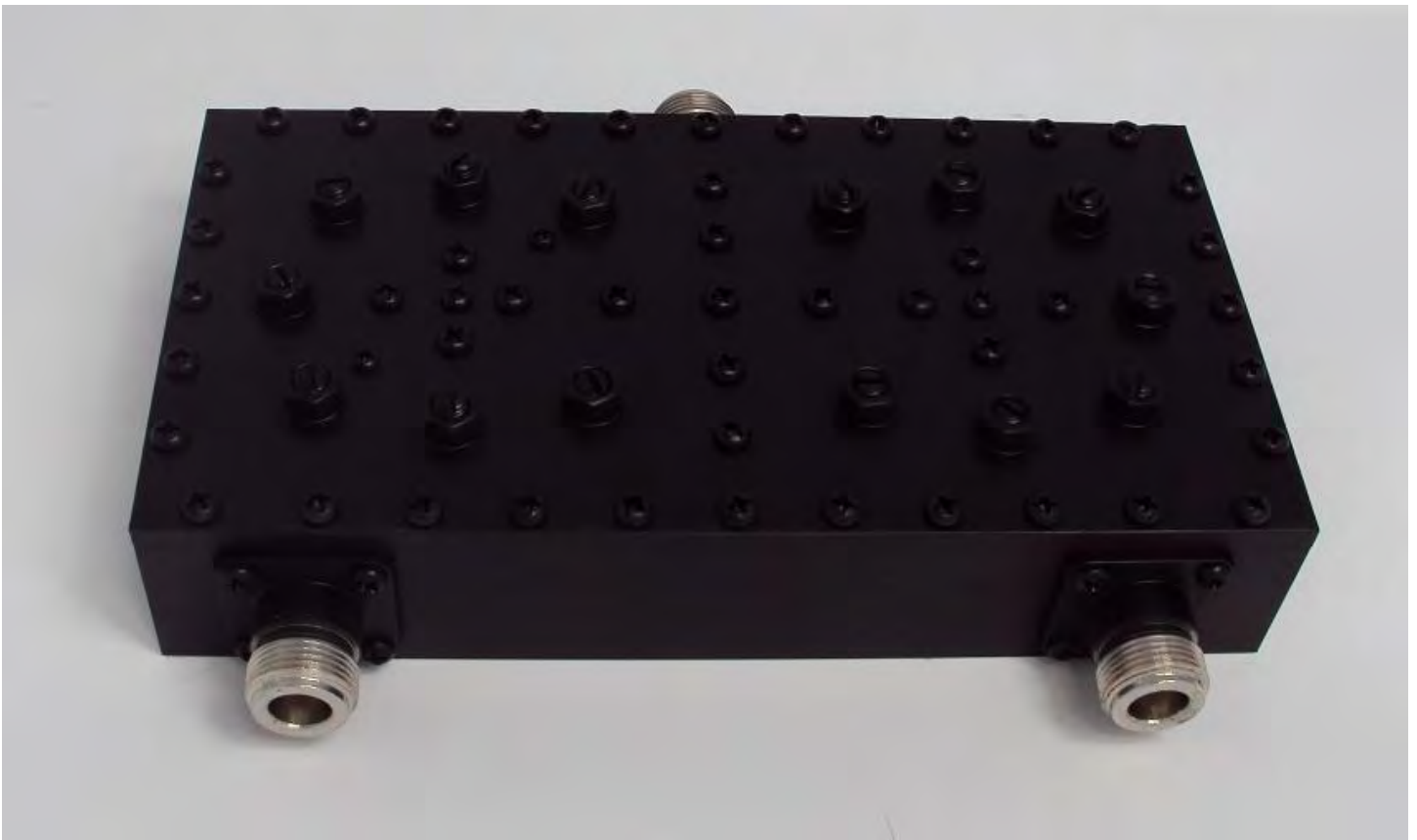
## UMTS Duplexer CSG 12000 UN

PARAMETERS	SPECIFICATION	
Ports	RX	TX
Frequency Band	1920 ~ 1980 MHz	2110 ~ 2170 MHz
Band Width	60 MHz	60 MHz
Insertion Loss	≤ 0.3 dB	≤ 0.3 dB
Band Ripple	≤ 0.15 dB	≤ 0.15 dB
Return loss	≥ 20dB	≥20dB
Isolation	≥75 dB @ 2110 ~ 2170 MHz	≥75 dB @ 1920 ~ 1980 MHz
Power Rating	≥ 100 Watt	
Impedance	50 Ω	
Connectors	N-Female	
Temperature	-25 ~ + 65 °C	
Operating Humidity	5 ~ 95 %	
Dimension (Approx)	33 × 167 × 87 mm	
Weight	820 grams	

Structure Drawing:



Product Image:



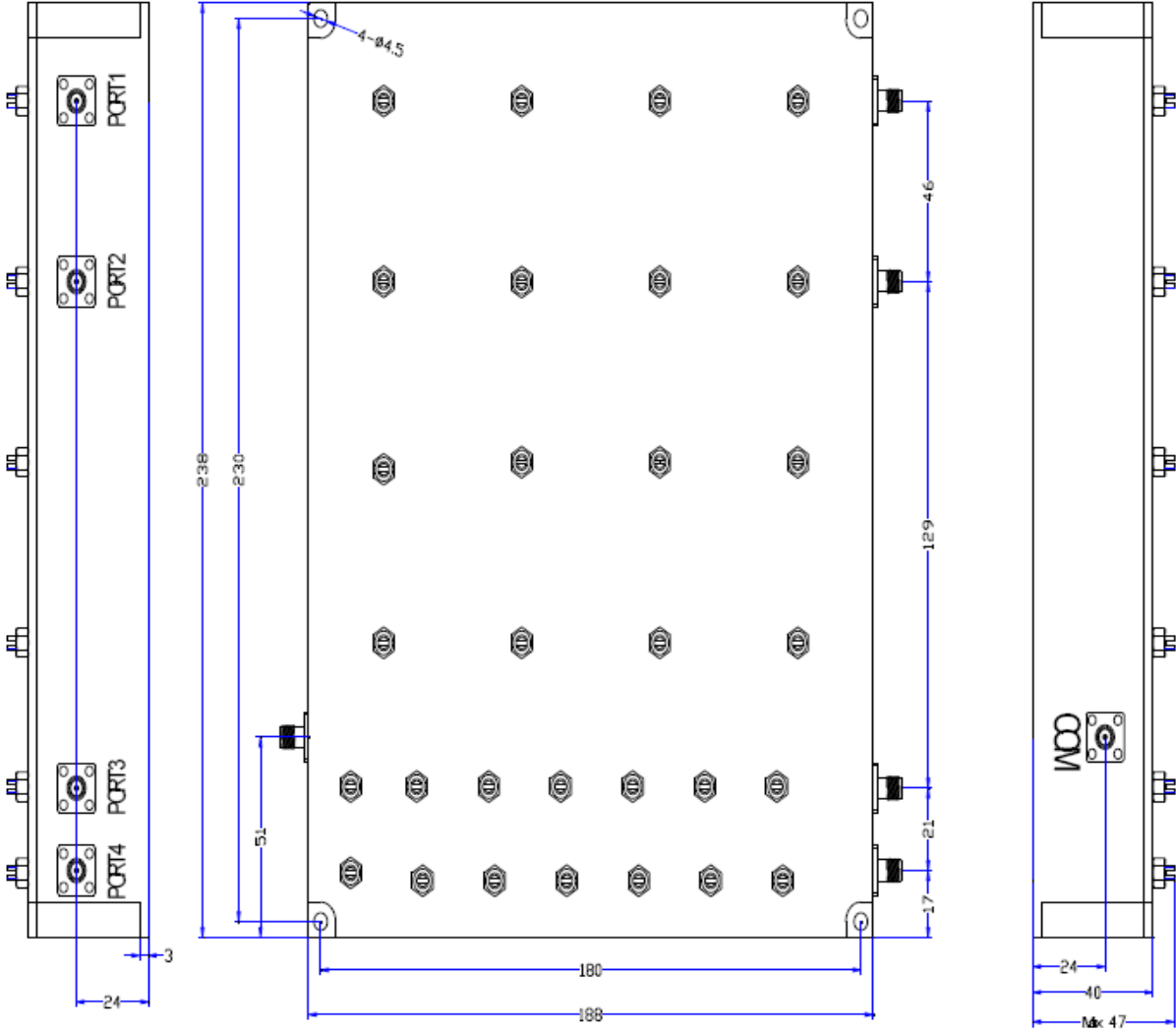
**WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT**



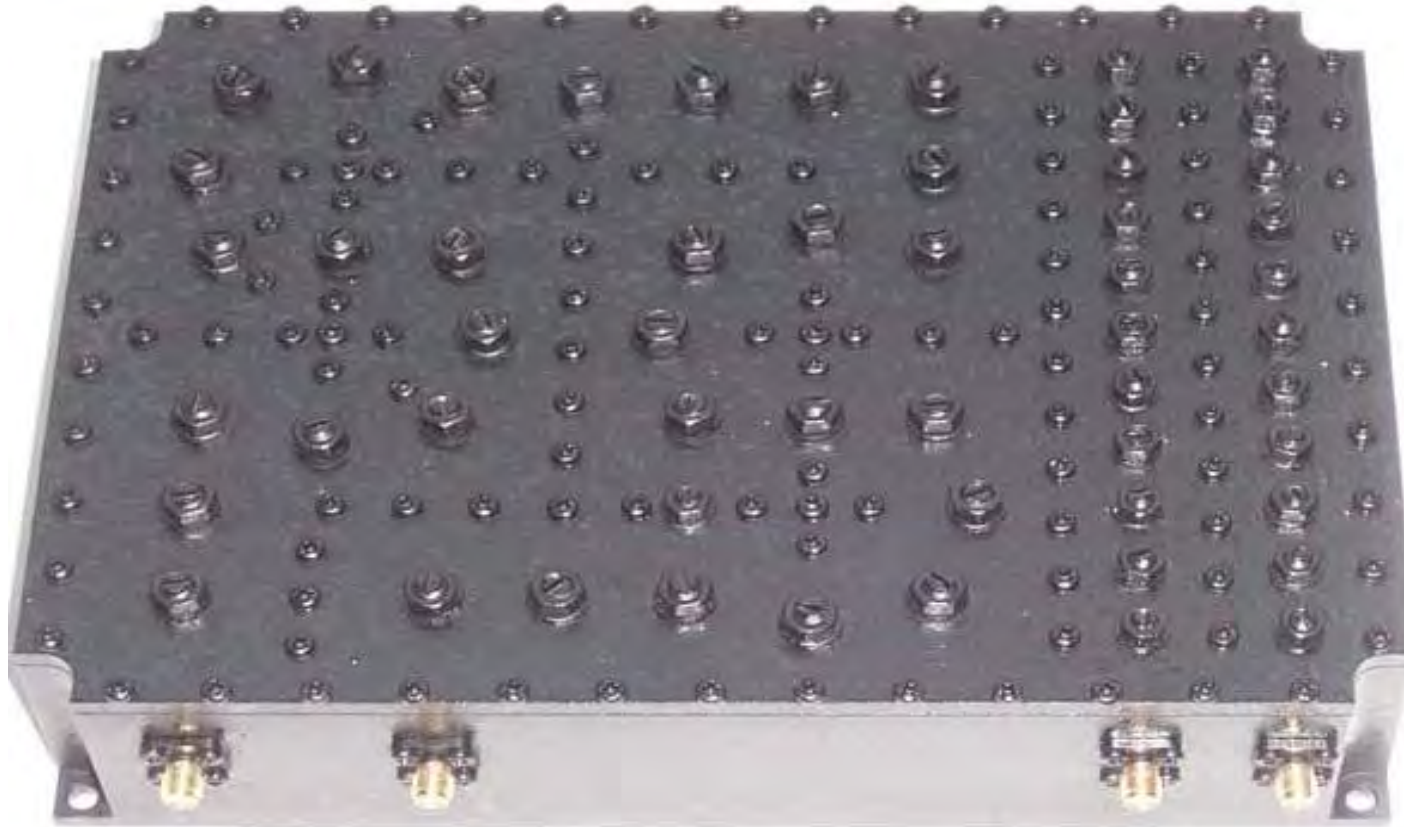
## UMTS 900 / UMTS 2100 Four Band Quadplexer RT 192100 USXR

PARAMETERS	SPECIFICATION			
Ports	Port A	Port B	Port C	Port D
Frequency Band	880 ~ 915 MHz	925 ~ 960 MHz	1920 ~ 1980 MHz	2110 ~2170 MHz
Insertion Loss	≤ 1.0 dB	≤ 1.0 dB	≤ 1.0 dB	≤ 1.0 dB
Band Ripple	≤ 0.6 dB	≤ 0.6 dB	≤ 0.6 dB	≤ 0.6 dB
Isolation	≥70dB@Port B ≥70dB@Port C ≥70dB@Port D	≥70dB@Port A ≥70dB@Port C ≥70dB@Port D	≥70dB@Port A ≥70dB@Port B ≥70dB@Port D	≥70dB@Port A ≥70dB@Port B ≥70dB@Port C
VSWR	≤1.3 : 1			
Power	≤50 Watt			
BTS Ports	4			
Antenna Port	1			
Impedance	50 Ω			
Connectors	SMA-Female			
Temperature	-25 ~ + 60 °C			
Operating Humidity	5 ~ 95 %			
Weight	2800 grams			
Dimension	238 x 188 x 40 mm			

Structure Drawing:



Product Image:



**WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT**

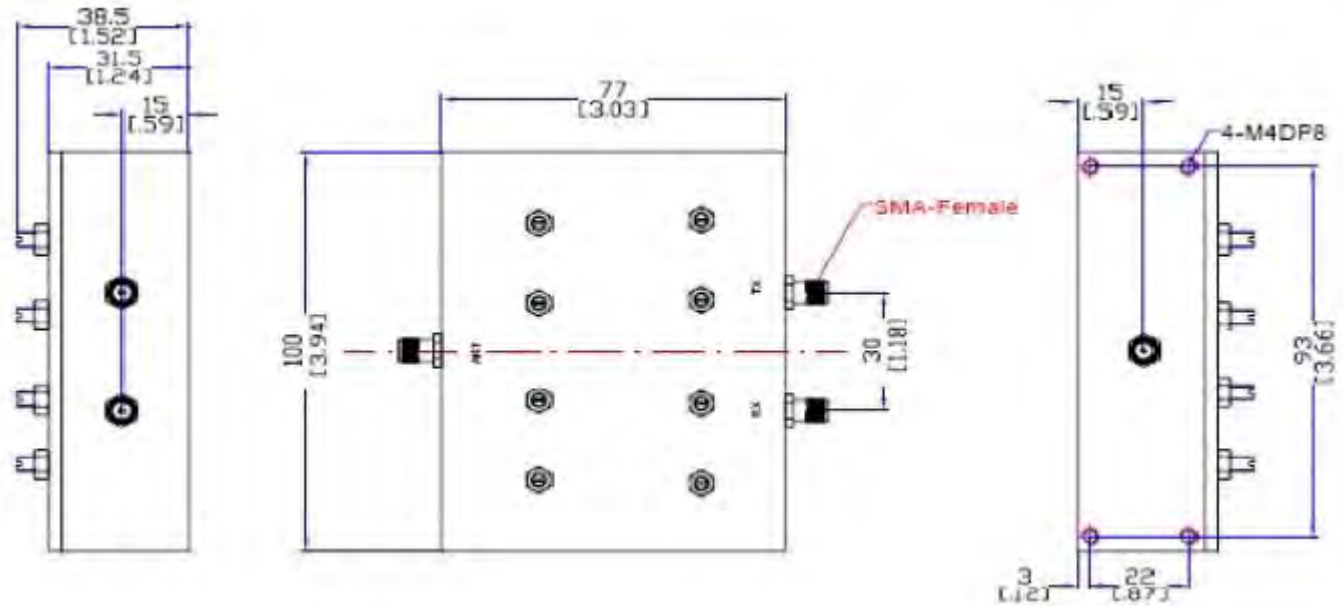


## UMTS Duplexer CSG 12000 USXX

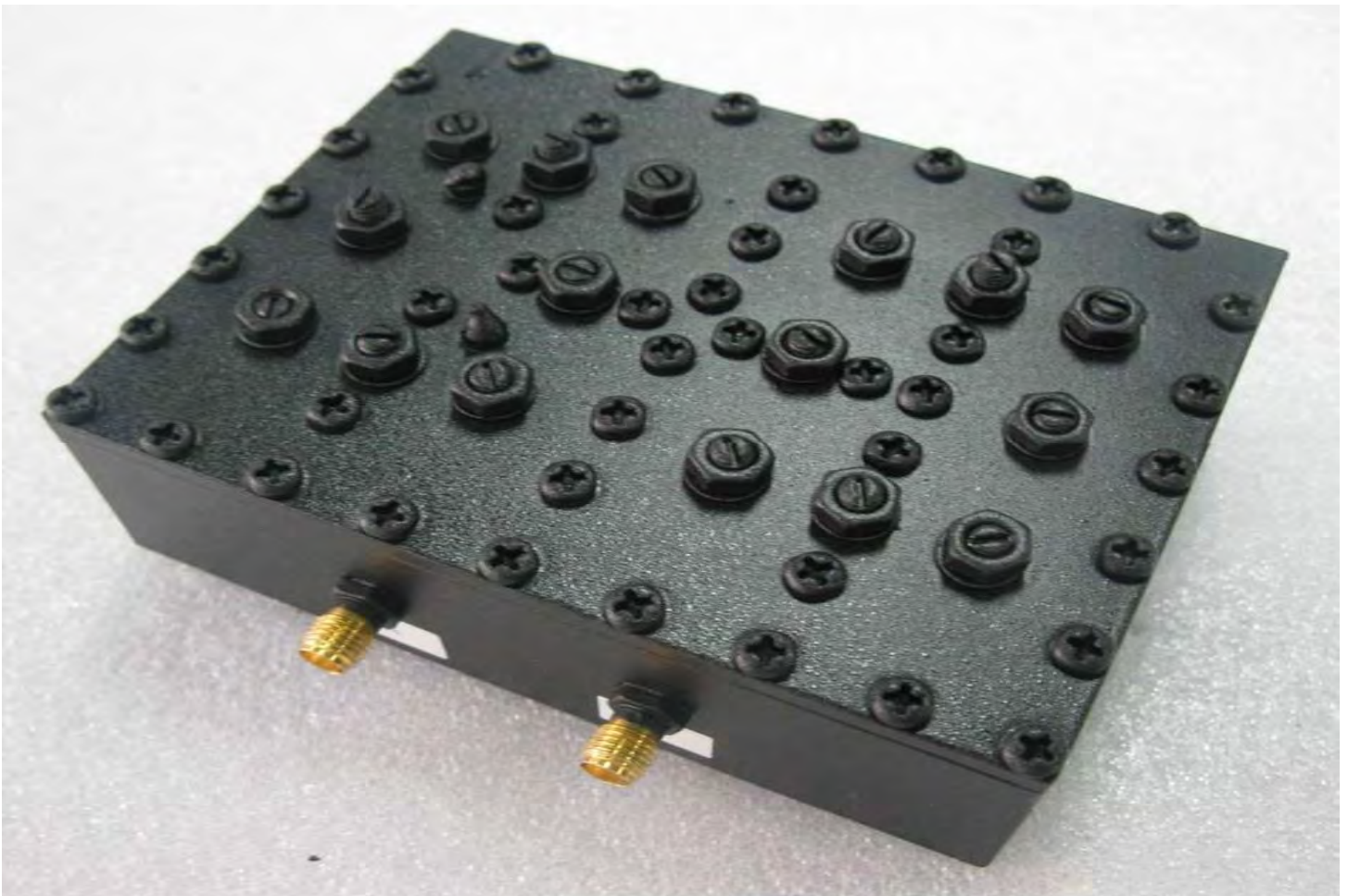
PARAMETERS	SPECIFICATION	
Ports	RX	TX
Frequency Band	1920 ~ 1980 MHz	2110 ~ 2170 MHz
Band Width	60 MHz	60 MHz
Insertion Loss	≤ 0.5 dB@Room Temperature ≤0.6 dB@-25 ~ + 60 °C	≤ 0.5 dB@Room Temperature ≤0.6dB@-25 ~ + 60 °C
Band Ripple	≤ 0.3 dB	≤ 0.3 dB
Return loss	≥ 20dB	≥20dB
Isolation	≥75 dB @ 2110 ~ 2170 MHz	≥75 dB @ 1920 ~ 1980 MHz
Power Rating	≤ 15 Watt	
Impedance	50 Ω	
Connectors	SMA-Female	
Temperature	-25 ~ + 60 °C	
Operating Humidity	5 ~ 95 %	
Dimension (Approx)	32 × 100 × 77 mm	
Weight	500 grams	



## Structure Drawing:



## Product Image:



**WE ALSO UNDERTAKE DESIGNS PER YOUR REQUIREMENT**