

650 to 2700MHz – Duplexer / Diplexer

Design Features

- ◆ High RF performance, ultra-competitive price.
- ◆ Military, space and commercial applications.
- ◆ Custom design available upon request.
- ◆ Support one year standard warranty.

RF Characteristics

Model Number	Freq. Range (MHz)		Insertion Loss Max(dB)	Ripples Max (dB)	Rejection Min	VSWR Max	Power (W)	Connector Type	Temp. (°C)
UIYDX100200A699T746SF	RX	729 ~ 746	1.5	0.6	70dB@699-716MHz 50dB@10-699MHz & 766-7000MHz 20dB@716-722MHz & 756-766MHz	1.3	30W	SMA-F	-40~+80
	TX	699 ~ 716			70dB@729-746MHz 50dB@10-680MHz & 746-7000MHz 20dB@680-689MHz & 722-729MHz				
UIYDX100200A824T894SF	RX	869 ~ 894	1.5	0.6	70dB@824-849MHz 50dB@10-824MHz & 914-7000MHz 20dB@849-862MHz & 904-914MHz	1.3	30W	SMA-F	-40~+80
	TX	824 ~ 849			70dB@869-894MHz 50dB@10-804MHz & 894-7000MHz 20dB@804-814MHz & 855-869MHz				
UIYDX100200A880T960SF	RX	925 ~ 960	1.5	0.9	70dB@880-915MHz 50dB@10-880MHz & 980-7000MHz 20dB@915-920MHz & 970-980MHz	1.3	30W	SMA-F	-40~+80
	TX	880 ~ 915			70dB@925-960MHz 50dB@10-860MHz & 960-7000MHz 20dB@860-870MHz & 920-925MHz				
UIYDX100200A1710T1880SF	RX	1805~1880	1.5	0.8	70dB@1710-1785MHz 50dB@10-1710MHz & 1900-7000MHz 20dB@1785-1795MHz&1890-1900MHz	1.3	30W	SMA-F	-40~+80
	TX	1710~1785			70dB@1805-1880MHz 50dB@10-1690MHz & 1880-7000MHz 20dB@1690-1700MHz&1795-1805MHz				
UIYDX100200A1850T1990NF	RX	1930~1990	1.5	0.8	70dB@1850-1910MHz 50dB@10-1850MHz&2020-7000MHz 20dB@1910-1920MHz&2000-2020MHz	1.3	30W	N-F	-40~+80
	TX	1850~1910			70dB@1930-1990MHz 50dB@10-1820MHz&1990-7000MHz 20dB@1820-1840MHz&1920-1930MHz				
UIYDX100200A1920T2170SF	RX	2110~2170	1.5	0.8	70dB@1920-1980MHz 50dB@10-1920MHz&2190-7000MHz 20dB@1980-2100MHz&2180-2190MHz	1.3	30W	SMA-F	-40~+80
	TX	1920~1980			70dB@2110-2170MHz 50dB@10-1800MHz&2170-7000MHz 20dB@1800-1905MHz&1990-2110MHz				
UIYDX100200A2500T2690SF	RX	2620~2690	1.5	0.8	70dB@2500-2570MHz 50dB@10-2500MHz&2710-8000MHz 20dB@2570-2610MHz&2700-2710MHz	1.3	30W	SMA-F	-40~+80
	TX	2500~2570			70dB@2620-2690MHz 50dB@10-2480MHz&2690-8000MHz 20dB@2480-2490MHz&2580-2620MHz				

2 Listed are specific frequency ranges and tailor-made ranges are available.

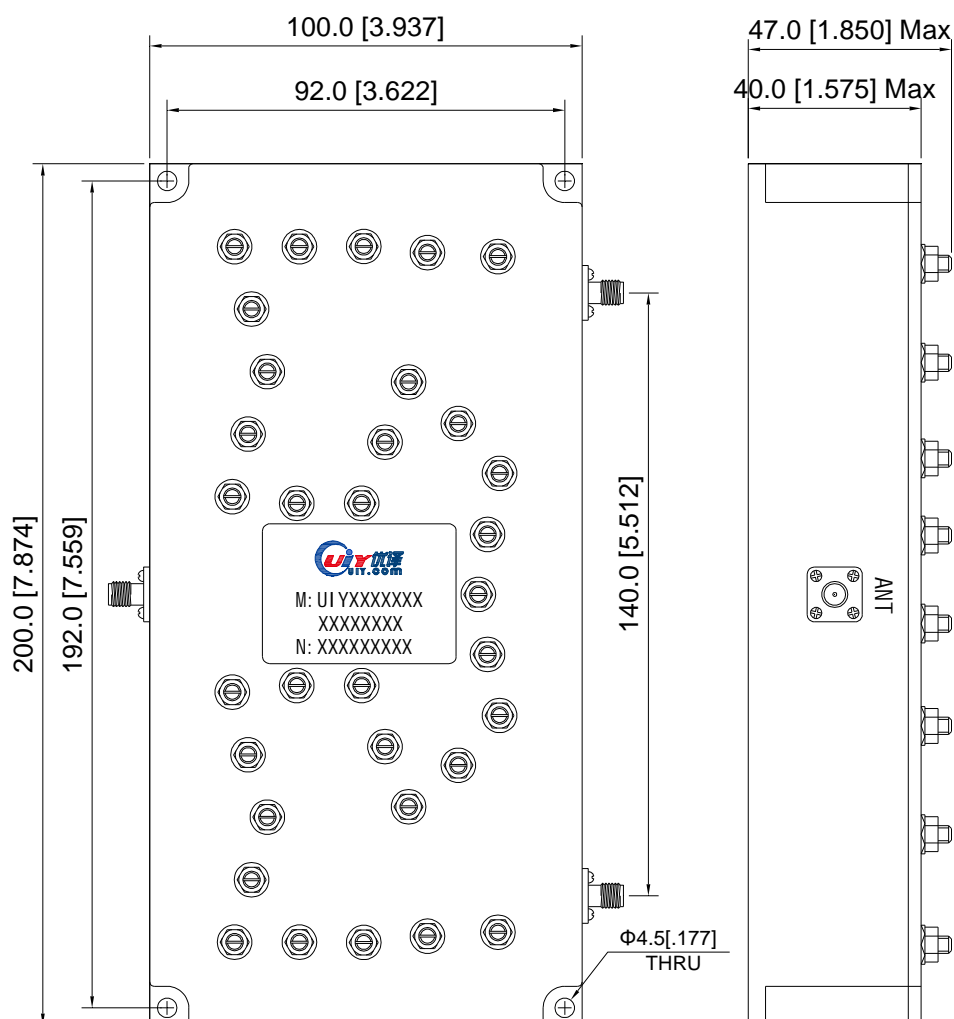
2 Please provide the information below when inquiring and mark * is must.

* 1. The specific frequency range TX and RX

* 2. Insertion Loss, Isolation, VSWR

3. Other special requests (Power handling, Temperature, Dimension, etc.)

Mechanical Drawing



Unit: mm/ inch, General part tolerance is ±2% unless otherwise stated.