

500 to 3000MHz – Directional Coupler

Design Features

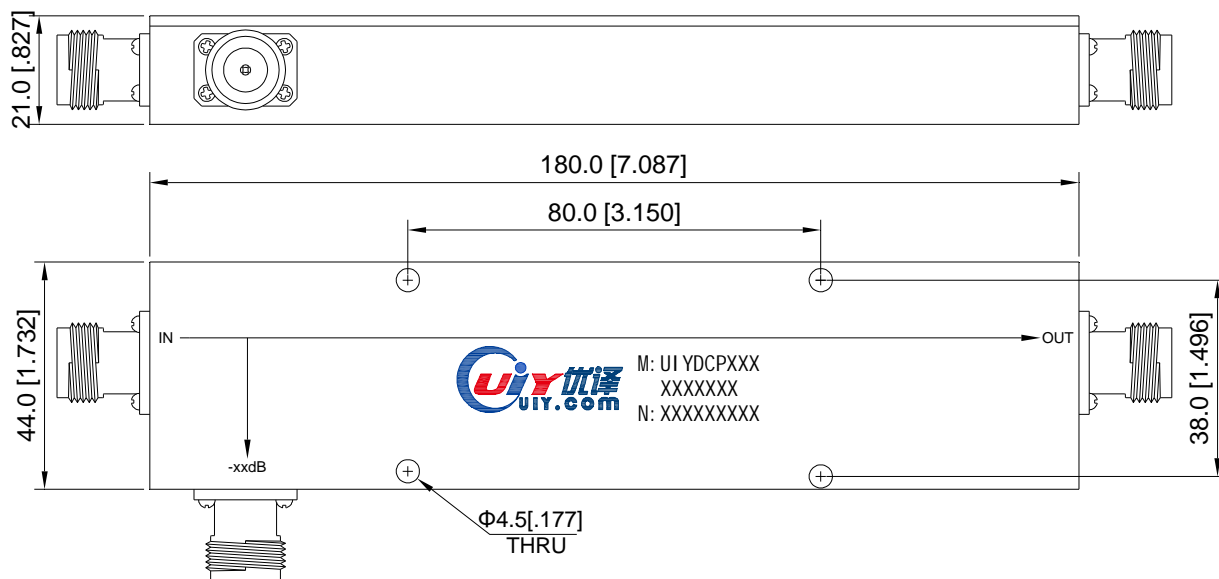
- ◆ High RF performance, ultra-competitive price.
- ◆ Custom design available upon request.
- ◆ Military, space and commercial applications.
- ◆ Support one year standard warranty.

RF Characteristics

Model No.	Freq.Range (MHz)	Nominal Coupling(dB)	IL (dB)	Directivity (dB)Min	VSWR	Power (W)	Connector Type	Temp. (°C)
UIYDCP18044A500T3000C5NF	500 ~ 3000	5±1.0	2.3	18	1.3	300	N-F	-40~+80
UIYDCP18044A500T3000C6NF	500 ~ 3000	6±1.0	1.8	18	1.3	300	N-F	-40~+80
UIYDCP18044A500T3000C7NF	500 ~ 3000	7±1.0	1.45	18	1.3	300	N-F	-40~+80
UIYDCP18044A500T3000C10NF	500 ~ 3000	10±1.2	0.9	19	1.3	300	N-F	-40~+80
UIYDCP18044A500T3000C15NF	500 ~ 3000	15±1.2	0.44	19	1.3	300	N-F	-40~+80
UIYDCP18044A500T3000C20NF	500 ~ 3000	20±1.2	0.34	18	1.3	300	N-F	-40~+80
UIYDCP18044A500T3000C30NF	500 ~ 3000	30±1.5	0.24	18	1.3	300	N-F	-40~+80

IMD3: -140dBc@2x43dBm

Mechanical Drawing



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

Ver. 5.0