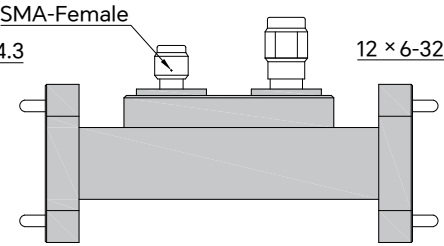
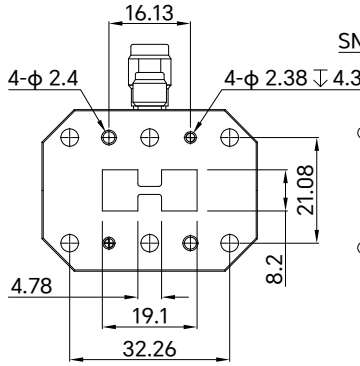


PART NUMBER
DWLC500-40P500W-S

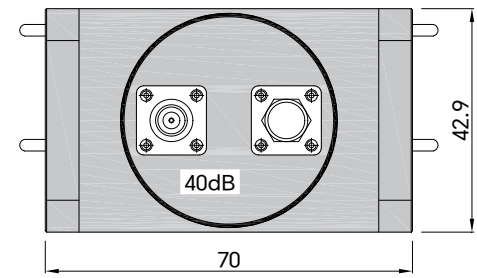
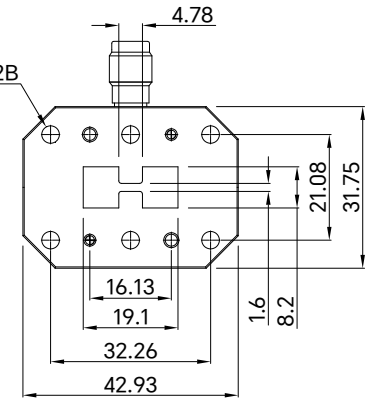
REV.	DATE	COMMENTS	INITIAL
1	2021/9/13	ENGINEERING RELEASE	

SPECIFICATIONS

- Frequency Range5-18GHz
- Nominal Coupling40±1.5dB
- Directivity 12dB min
- VSWR Primary 1.1:1 max
- VSWR Secondary 1.35:1 max
- Impedance 50 Ohms
- Input Average Power 500W max@25°C
 (derate linearly to 50W@100°C)
- Waveguide Type WRD-500
- Flange Type FPWRD500 Rectangular Flange
- Waveguide Body Aluminum, Grey Painted
- Dimensions 70(L)×42.93(W)×31.75(H)mm



RoHS Compliant



Drawing not to scale, units:mm



www.titan-microwave.com
 Tel: +86 185 8328 2993
 Email: sales@titan-microwave.com
 chris@titan-microwave.com

PART NUMBER		DESCRIPTION Double Ridge Waveguide Directional Loop Coupler WRD-500, 5~18GHz, 40 ± 1.5dB, SMA-Female
DWLC500-40P500W-S		
CAGE CODE	SIGNATURE	
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