

FSDLC-7500-18000

7.5~18GHz

Features:

- * Broadband
- * High Power
- * Low Insertion Loss

Applications:

- * Amplifiers
- * Transmitter
- * Laboratory Test
- * Radar

Electrical

Frequency:	7.5~18GHz
Coupling:	50±0.6dB
Insertion Loss:	0.15dB max.
VSWR (Mainline):	1.2 max.
VSWR (Coupling):	1.8 max.
Directivity:	12dB min.
Average Power:	1550W
Peak Power:	12KW

Environmental

Operating Temperature:	-40~+55°C
No-operating Temperature:	-50~+70°C

How To Order

FSDLC-7500-18000-W-X-Y-Z

W: Coupling (50dB - Outline A)

X: Coupling Connector type

Y: Material

Z: Flange type

Connector naming rules:

S - SMA female (Outline A)

Material naming rules:

C - Copper (Outline A)

Flange naming rules:

8 - FPWRD (Outline A)

Examples:

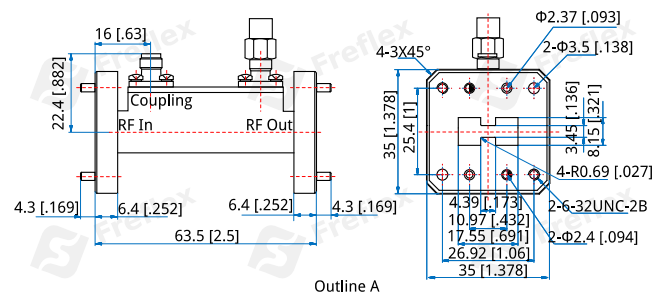
To order a Single Directional Loop Coupler, 7.5~18GHz, 50dB, SMA female, Copper, FPWRD750, specify FSDLC-7500-18000-50-S-C-8.

Customization is available upon request.

Mechanical

Interface:	WRD-750
Flange:	FPWRD750
Material:	Copper
Finish:	Silver plated
Coating:	Sea gray

Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]