

QDDL-2600-3950

2.6~3.95GHz

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

- Applications:**
- * Amplifiers
 - * Transmitter
 - * Laboratory Test
 - * Radar

Electrical

Frequency: 2.6~3.95GHz
 Coupling: 40, 47, 50dB
 Power Handling: 3.5MW

Mechanical

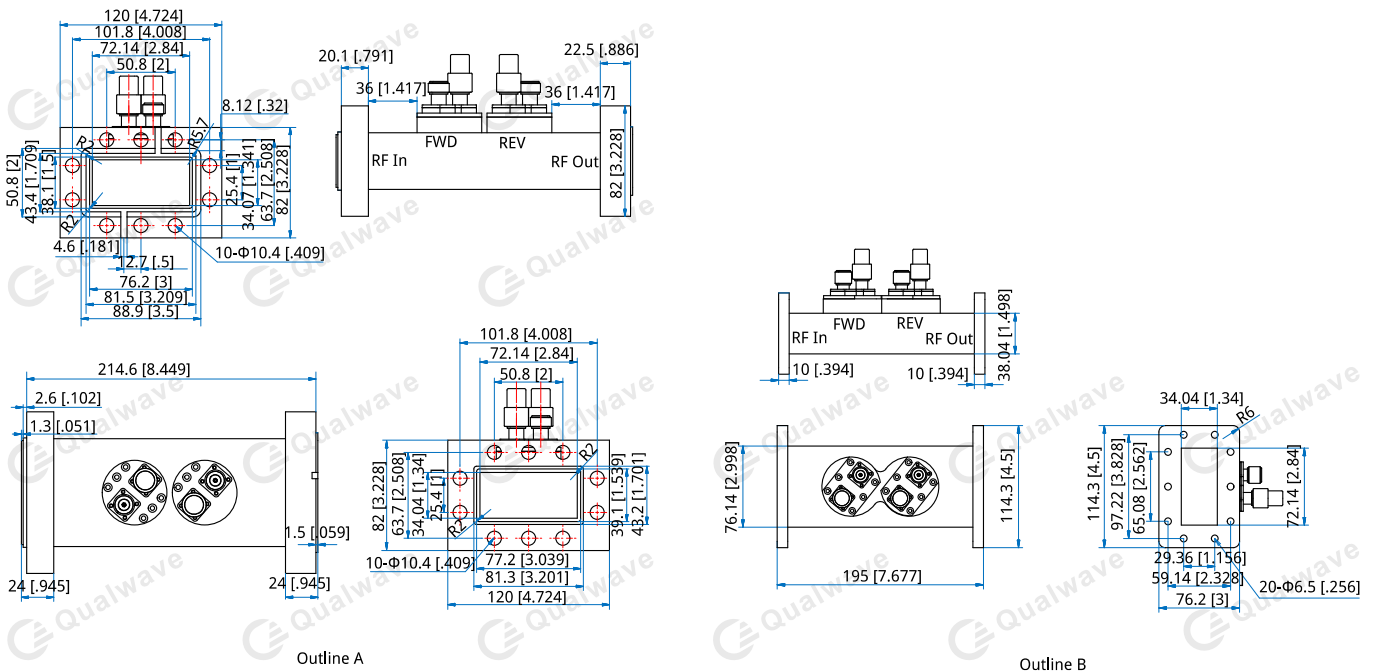
Interface: WR-284 (BJ32)
 Flange: FDP32/SLAC
 Material: Copper/Aluminium
 Finish: Pickling passivation/Conductive oxidation

Environmental

Operating Temperature: -40~+125°C

Coupling (dB)	Insertion Loss (dB max.)	VSWR (Mainline) (max.)	VSWR (Coupline) (max.)	Directivity (dB min.)	Material	Finish	Coating	Outline Drawings	Coupling Connector type
40±0.5	0.1	1.05	1.15	30	Aluminium	Conductive oxidation	Black paint	Outline B	N Female
47±0.5	-	1.1	1.2	20	Copper	Pickling passivation	Gray paint	Outline A	N Female
50±1.0	-	1.1	1.2	25	Aluminium	Conductive oxidation	Sea gray	Outline B	SMA Female

Outline Drawings



Unit: mm [in]

Tolerance: $\pm 0.2\text{mm}$ [$\pm 0.008\text{in}$]

How To Order

QDDL-2600-3950-W-X-Y-Z

W: Coupling:

47 - Outline A

40, 50 - Outline B

X: Coupling Connector type

Y: Material

Z: Flange type

Connector naming rules:

N - N female (Outline A, B)

S - SMA female (Outline B)

Material naming rules:

A - Aluminium (Outline B)

C - Copper (Outline A)

Flange naming rules:

2 - FDP (Outline B)

13 - SLAC (Outline A)

Examples:

To order a Dual Directional Loop Coupler, 2.6~3.95GHz, 40dB, N female, Aluminium, FDP32, specify QDDL-2600-3950-40-N-A-2.

Customization is available upon request.