

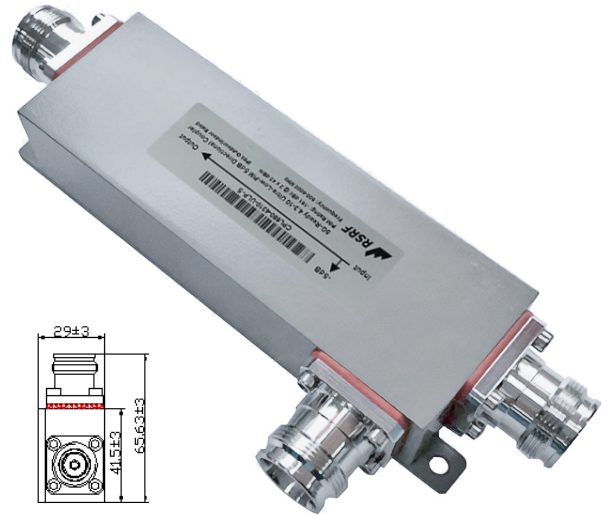
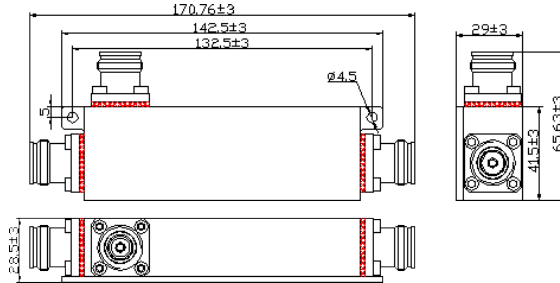
4.3-10-Female Directional Couplers, 600-6000 MHz

by WAVEFORM

SKU: CPL660-4310-ULP-x

Main Features:

- 600 - 6000 MHz
- 4.3-10-Female Connector
- 50 Ω
- Low PIM, VSWR, and Insertion Loss
- 300 W Power Handling



Specifications:

Electrical:

SKU	CPL660-4310-ULP-5	CPL660-4310-ULP-6	CPL660-4310-ULP-7	CPL660-4310-ULP-8	CPL660-4310-ULP-10	CPL660-4310-ULP-20
Insertion Loss (Main Branch Output Loss)	≤ 2.4 dB	≤ 1.9 dB	≤ 1.6 dB	≤ 1.3 dB	≤ 1.0 dB	≤ 0.3 dB
Coupling Factor (Off Branch Output Loss)	5 dB	6 dB	7 dB	9 dB	10 dB	20 dB
Ratio between Ports (Tap)	3 dB	4 dB	5 dB	8 dB	9 dB	19 dB
In-Band Ripple	± 1.5 dB	± 1.5 dB	± 1.6 dB	± 1.6 dB	± 1.6 dB	± 1.8 dB
Isolation (Average)	≥ 21 dB	≥ 22 dB	≥ 23 dB	≥ 24 dB	≥ 26 dB	≥ 34 dB
Directivity	≥ 19 dB					≥ 17 dB
Frequency Range	600 - 6000 MHz					
Input Impedance	50 Ω					
VSWR	≤ 1.35					
PIM (IM3)	≤ -161 dBc @ +43 dBm*2					
Power Rating (Average)	300 W					

Mechanical:

Connector Type	4.3-10-Female
Connector Material	Brass
Cavity Color	Grey
Cavity Material	Aluminum
Inner Conductor Material	Aluminum
Dimensions	171 x 42 x 29 mm (6.7 x 1.7 x 1.2 inches)
Net Weight	0.23 kg (0.5 lbs)

Environmental:

Applied Environment	Indoor / Outdoor
Protection Class	IP67
Relative Humidity	5 to 95 %
Operating Temperature	-35 to +75 deg C



WAVEFORM

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