

DDC240 Series Directional Coupler, Low PIM, 138-960 MHz

- Rugged construction for public safety DAS application
- Wide band that covers all public safety bands (VHF, UHF, and 700/800/900 MHz)
- Industry leading ≤ -153 dBc PIM rating
- Outstanding electrical performance for optimal reception and clear voice
- Proud partner of iBwave, Ranplan, and Atoll component databases



4.3-10 female connector model shown

SPECIFICATIONS

Frequency range	138 – 960 MHz					
Coupling, dB	6	10	15	20	25	30
Coupling tolerance, dB	± 1.5	± 1.7	± 1.7	± 1.7	± 2	± 2
Insertion loss, dB	≤ 1.8	≤ 1.2	≤ 0.5	≤ 0.4	≤ 0.4	≤ 0.3
Directivity, dB	≥ 18	≥ 18	≥ 18	≥ 18	≥ 18	≥ 15
VSWR (all ports)	≤ 1.25					
PIM	≤ -153 dBc					
Average power	200 watts					
Peak Power	1200 watts					
Impedance	50 Ω					
Connector	4.3-10 female or N-female					
Weight	4.3-10: 2.98 lbs / 1.35 kg N: 2.16 lbs / 0.98 kg					
Operating temperature range	-40 to +80°C / -40 to +176°F					
Operating humidity range	5% to 95%					
Application	Indoor					
Ingress protection	IP65					
RoHS	Yes					
Color	Red					
Shipping dimension	9 x 7 x 3 in (230 x 180 x 80 mm)					

Region	United States	Europe, Middle East, and Africa	Canada, Caribbean, and Latin America	Asia-Pacific
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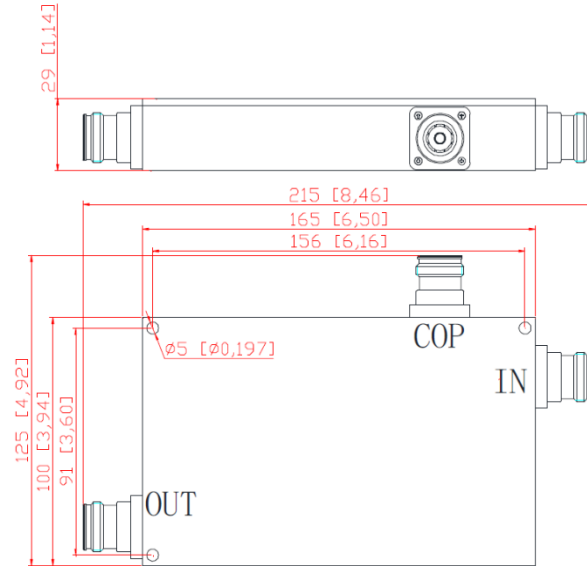
ORDERING INFORMATION

Model Number	Description
DDC240-06-L4F	6 dB, directional coupler, 4.3-10 female connectors
DDC240-06-LNF	6 dB, directional coupler, N female connectors
DDC240-10-L4F	10 dB, directional coupler, 4.3-10 female connectors
DDC240-10-LNF	10 dB, directional coupler, N female connectors
DDC240-15-L4F	15 dB, directional coupler, 4.3-10 female connectors
DDC240-15-LNF	15 dB, directional coupler, N female connectors
DDC240-20-L4F	20 dB, directional coupler, 4.3-10 female connectors
DDC240-20-LNF	20 dB, directional coupler, N female connectors
DDC240-25-L4F	25 dB, directional coupler, 4.3-10 female connectors
DDC240-25-LNF	25 dB, directional coupler, N female connectors
DDC240-30-L4F	30 dB, directional coupler, 4.3-10 female connectors
DDC240-30-LNF	30 dB, directional coupler, N female connectors

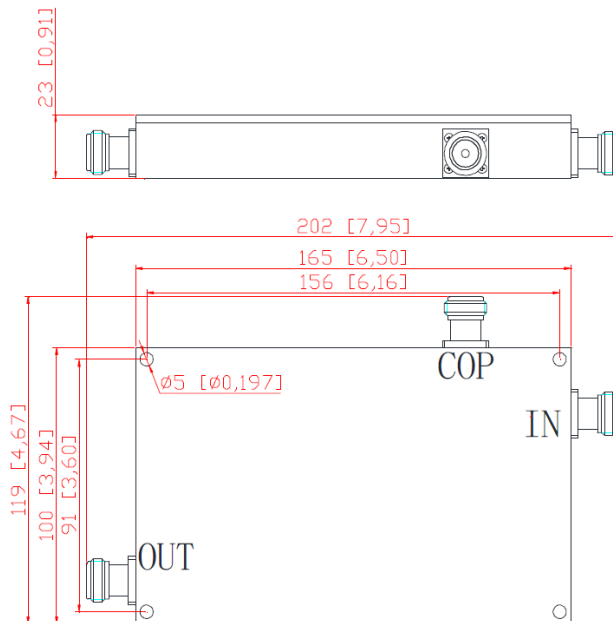
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Product Specification Sheet		DDC240 Series	Issue 2.3	Dated: 7-10-2023

OUTLINE DRAWINGS

DDC240-(xx)-L4F, 4.3-10 female connector models



DDC240-(xx)-LNF, N female connector models



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