



21-80-46
UHF DIPLEXER
136-174/380-520 MHz

The 21-80-46 is a UHF diplexer designed to separate RF signals in the band 136 - 174 MHz from those in the band 380 - 520 MHz. The design utilizes stripline and lumped component hybrid circuitry contained within a rugged aluminum box.



SPECIFICATION

Frequency Ranges	Low pass band: 136 - 174 MHz
	High pass band: 380 - 520 MHz
Impedance	50 Ω nominal
VSWR	≤ 1.25:1
Insertion Loss	≤ 0.5 dB
Isolation	≥ 50 dB
Connector	3 off N Type Female
Power	50 Watts CW
Weight	0.7 lbs (0.32 kg)
Max Dimensions (excluding connectors)	4.5 x 3.0 x 1.2 inches (115 x 77 x 31 mm)
Environmental	MIL-STD-810
Finish	Lusterless Black Urethane

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SPECIFICATIONS

Cooper Antennas Model 21-80-46

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**Note: Cooper Antennas Ltd has a policy of continuous product improvement and data herein is therefore subject to change.
Please check with Cooper Antennas Ltd that this data sheet is at latest issue before initiating contract activity.**