

DUM-6

UHF MINI DUPLEXER REJECTS RANGE WITH 6 CAVITIES



The DUM-6 is a duplexer with six cavities for application in fixed or mobile repeaters, manufactured with high quality materials, chemically treated to guarantee the best performance of the communication system. With modern technology, the use of few pieces to make and rigid construction, it exceeds the necessary isolation requirements between transmission and reception, minimizing losses and increasing reliability in communications. Its small dimensions allow it to be installed inside the repeater's own cabinet. It has great thermal stability and can work with up to 50 watts of power.

Partnumber	Model	Range
505040	DUM - 6B	400 / 440 MHz
505041	DUM - 6C	440 / 470 MHz
505042	DUM - 6D	470 / 490 MHz
505043	DUM - 6E	490 / 512 MHz

ELECTRICAL SPECIFICATIONS	
VSWR	$\leq 1,5:1$
Separation (Offset)	10 MHz
Nominal impedance	50 Ω
Maximum power	50 Watts
Maximum insertion loss	$\leq 1,5$ dB
Temperature range	-30~60°C
Connector	N fêmea
Minimum isolation TX - RX	75 dB
Minimum isolation RX - TX	75 dB

MECHANICAL SPECIFICATIONS	
Total Length	256 mm
Width	157 mm
Height	32 mm
Weight	1 Kg
Finishing	Black synthetic paint
Basic material	Extruded aluminum