



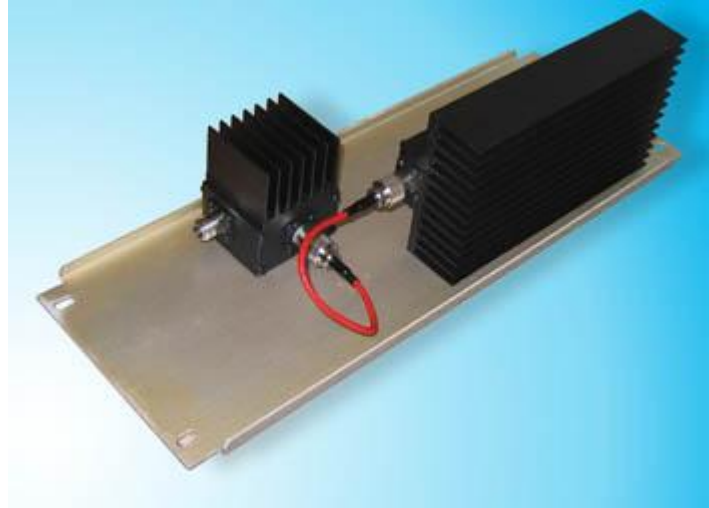
**400-470, 420-490 MHz  
Isolators "extreme"  
IF-1(2)UL-50(125)X/2, IF-1(2)UH-  
50(125)X/2**

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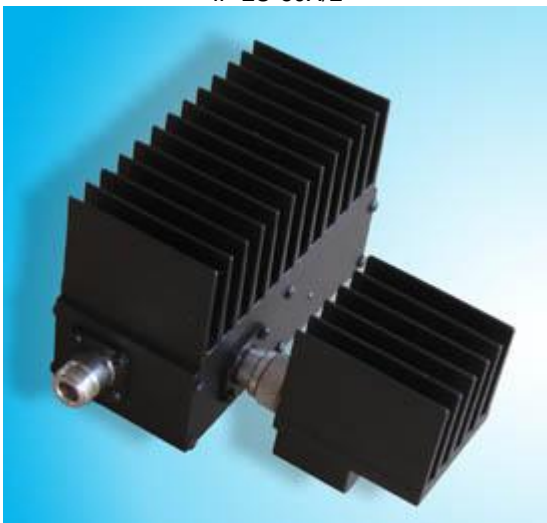
IF-1U-50X/2



IF-1U-125X/2



IF-2U-50X/2



IF-2U-125X/2



**Electrical specifications**

Model	IF-1UL(UH)-50X/2	IF-2UL(UH)-50X/2	IF-1UL(UH)-125X/2	IF-2UL(UH)-125X/2
Operating frequency band, MHz	VL 140-154 VM 148-163 VH 158-174	VL 140-154 VM 148-163 VH 158-174	VL 140-154 VM 148-163 VH 158-174	VL 140-154 VM 148-163 VH 158-174
Insertion loss not more, dB	0.4	0.8	0.4	0.8
Isolation TX-TX not less, dB	27	55	27	55
Impedance, Ohm	50	50	50	50
VSWR, not more than	1.2	1.2	1.2	1,2
Input power not more than, W	50	50	125	125
Temperature range, °C	from -30 to +50	from -30 to +50	from -30 to +50	from -30 to +50

**Mechanical specifications**

Model	IF-1UL(UH)-50X/2	IF-2UL(UH)-50X/2	IF-1UL(UH)-125X/2	IF-2UL(UH)-125X/2
Weight, kg	0,48	1,07	1,95	2,35

Connectors  
Length/Width/Depth , mm

N-female  
125x70x102

N-female  
150x90x168

N-female  
480x178x122

N-female  
480x178x122

### Typical isolator characteristics

