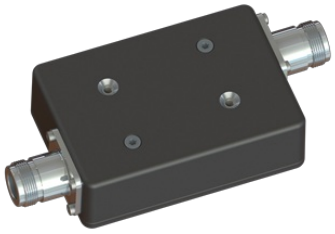
IS-450 Series

UHF Isolators with harmonic filter

- Three versions covering the UHF band, 380 - 475 MHz
- Single and dual verisons
- High Power handling, max. 100 W
- High Harmonic Rejection
- For inhouse use only









ELECTRICAL SPECIFICATIONS

Type	UHF Isolator
Frequency	380 - 420 MHz, 400 - 440 MHz, 440 - 475 MHz (T/L/H)
VSWR	≤ 1.5:1
Impedance	50 Ohm
Harmonic Attenuation	> 40 dB (up to 1.0 GHz)
Max. Input Power	100 W
Max. Reverse Power	20 W (When rack mounted)
Insertion Loss	IS-450-1-T/L/H: ≤ 0.8 dB IS-450-2-T/L/H: ≤ 1.2 dB
Isolation	IS-450-1-T/L/H: > 20 dB IS-450-1-T/L/H: >40 dB

MECHANICAL SPECIFICATIONS

Color	Black grey (RAL7021)
Weight	IS-450-1-T/L/H: 300 g IS-450-2-T/L/H: 485 g
Connector	See 'ORDERING INFORMATION' (Type N-male option available upon request)
Dimension	IS-450-1-T/H/L: 25 x 55 x 120 mm IS-450-2-T/H/L: 40 x 83 x 190 mm
Mounting	Bottom or side, with M4 screws (see outline drawing)
Temperature	-20°C to +60°C
Serial no.	On product label

Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

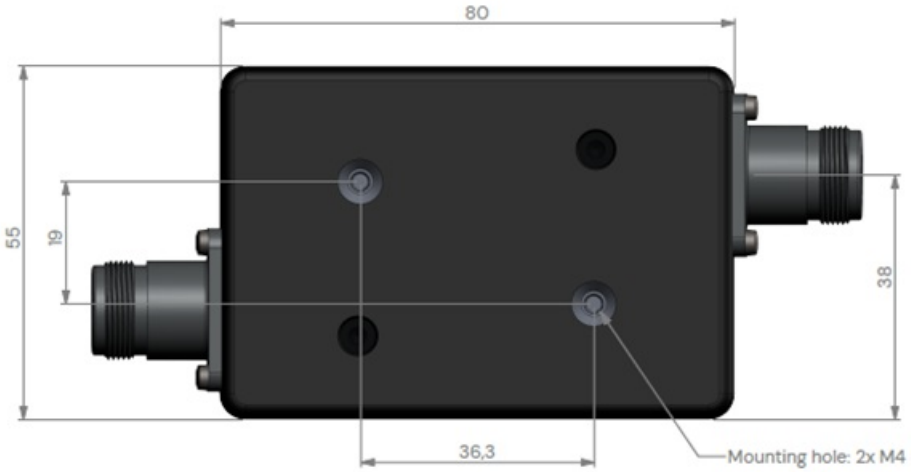
ORDERING INFORMATION

IS-450-1-T-NF-NF	380-420 MHz Single Isolator with harmonic filter Input: Type N-female, Output: Type N-female
IS-450-2-T-NF-NF	380-420 MHz Dual Isolator with harmonic filter Input: Type N-female, Output: Type N-female
IS-450-1-L-NF-NF	400-440 MHz Single Isolator with harmonic filter Input: Type N-female, Output: Type N-female
IS-450-2-L-NF-NF	400-440 MHz Dual Isolator with harmonic filter Input: Type N-female, Output: Type N-female
IS-450-1-H-NF-NF	440-475 MHz Single Isolator with harmonic filter Input: Type N-female, Output: Type N-female
IS-450-2-H-NF-NF	440-475 MHz Dual Isolator with harmonic filter Input: Type N-female, Output: Type N-female

PACKAGING INFORMATION

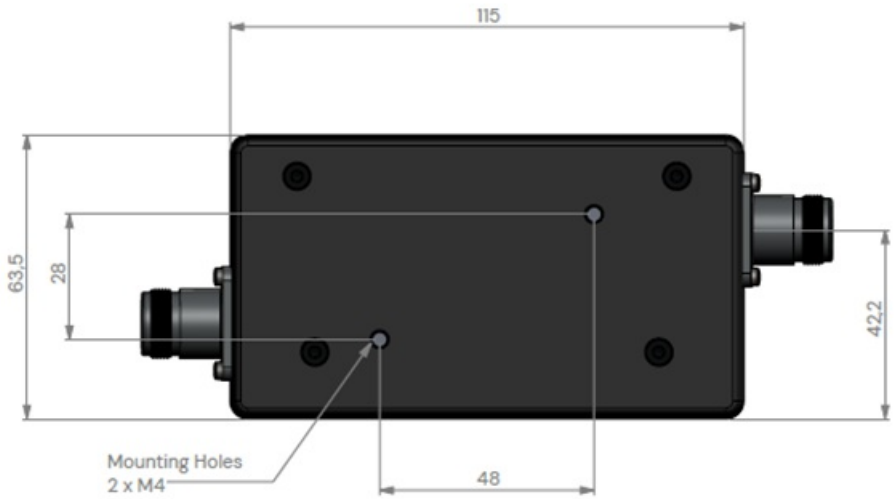
Type	Indivdually packaged in Carton Box

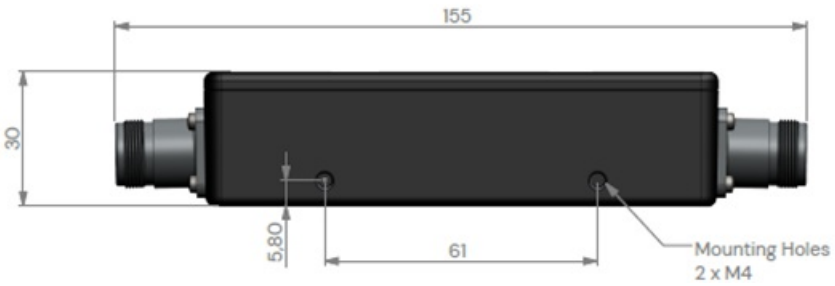
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