

# Unicable II™

4-way splitter, 5-2400MHz

IDLU-USP105-OU040-OBT

Item: 5709

This Unicable™ splitter supports bidirectional distribution of DC and RF signals. It enables control signals and DiSEqC commands sent from the Set Top Boxes to the LNB as well as DiSEqC commands sent from the LNB to the Set Top Box. This high-quality Unicable™ splitter features low insertion loss, high RF isolation between the output ports and allows greater flexibility in single home or MDU installation scenarios. Typically, the splitter would be installed at a central location (i.e. roof's attic) with separate coax cables stretched inside the house/apartment to each Set Top Box. The Unicable splitter embeds protective diodes to guarantee DC isolation between connected set top boxes.

For more information on the Unicable II™ technology and its advantages please refer to: [www.inverto.tv/what-is-unicable-2](http://www.inverto.tv/what-is-unicable-2)

For more information on the SatPal™ technology and its advantages please refer to: [www.inverto.tv/satpal](http://www.inverto.tv/satpal)

## Main Features:

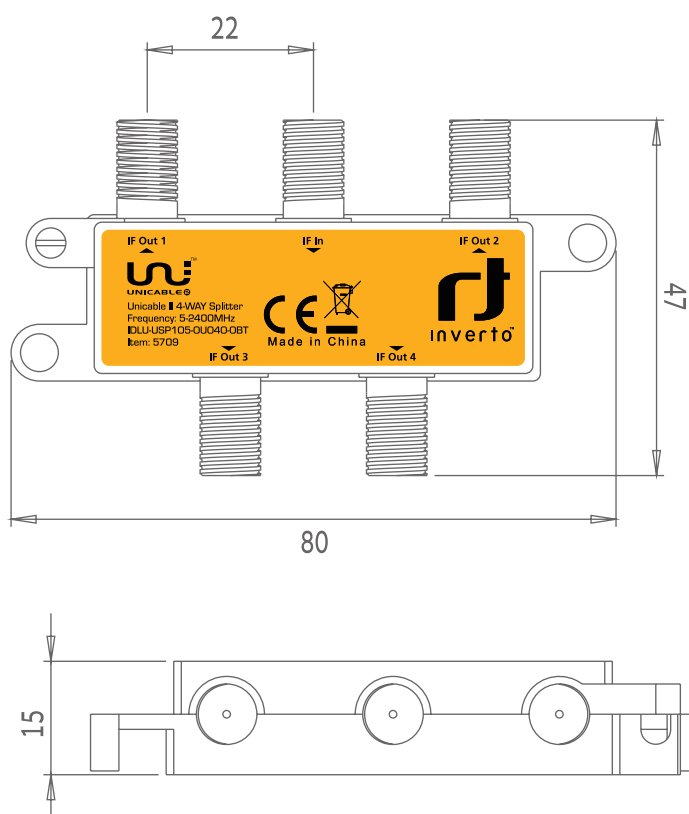
- Low insertion loss, high return loss and port isolation for satellite and CATV applications
- Unicable compatible
- RF shielded Zinc die cast housing (Class A)
- Grounding terminal
- Supplied with two mounting screws
- Light weight and compact size

## Technical data

Frequency range	5 MHz - 2400 MHz
Inputs	1x F-type, female
Output	4x F-type, female
Insertion loss	<8.5 dB (5 MHz ~ 40 MHz) <9.2 dB (40 MHz ~ 860 MHz) <10 dB (860 MHz ~ 1750 MHz) <12 dB (1750 MHz ~ 2400 MHz)
Isolation between ports	20 dB min.
Input return Loss	10 dB min.
Output return loss	10 dB min.
DC & 22 kHz pass from Output to Input	35 V max., up to 1 A pass through current towards LNB bi-directional for DiSEqC commands
Steering diodes	Yes
Impedance	75 Ω
CE, RF screening Class	Class A
Operating temperature	-30° C ~ +60° C
Weight	45 g
Dimensions (W x D x H)	78 mm x 42.3 mm x 15 mm

## Logistical info

Quantity per carton	100
Carton dimensions (W x D x H)	37 cm x 260 cm x 180 cm
Carton weight	6.1 kg



For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto Digital Labs reserves the right to amend, omit or add products, product-lines, and / or features without notice.

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