


ANT S.r.l. Via della Concordia, 4 – 37036 S. Martino B/A (VR) - Italia Tel. +39 045 8781380 Fax +39 045 8795335 e-mail: commerciale@antsrl.eu www.antsrl.eu	<p style="text-align: center;">DESCRIPTION</p> <p style="text-align: center;">Wilkinson-type 2-way coupler 169 MHz suitable for applications 169MHz wireless M-Bus (wM-Bus)</p>	
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WILKI-2 169MHz (2-way)

P/N: G91-022

ELECTRICAL DATA

Frequency range:	140-180 MHz
Operating band width	20 MHz
Impedance:	50 Ω
V.S.W.R.:	< 1.6 : 1
Max power:	10 W
Insertion loss:	< 3.8 dB
Insulation between ports:	> 25 dB

MECHANICAL DATA

Dimensions (approx):	320x200x45 mm
Weight (approx):	0.9 kg
Connectors:	3xN socket
Operating temperature range:	-30 / +80°C



Protection against oxidation:

The coupler is designed to be able to withstand the worst climatic conditions and so that the oxidation of its parts is prevented: its components are made of raw materials resistant to external environmental agents.

RoHS Directive:

The coupler complies with the RoHS Directive and its subsequent.

INSTALLATION INSTRUCTIONS:

Pole installation from Ø38 to Ø200mm with stainless steel clamps.

Optional: stainless steel bracket for wall installation

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Wilkinson-type 2-way coupler 169 MHz
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169MHz wireless M-Bus (wM-Bus)



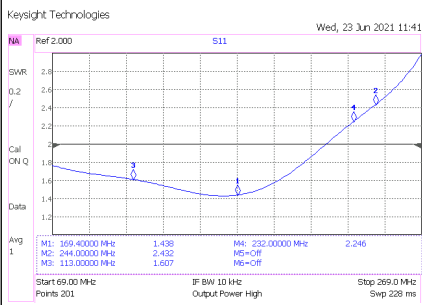
WILKI-2 169MHz (2-way)

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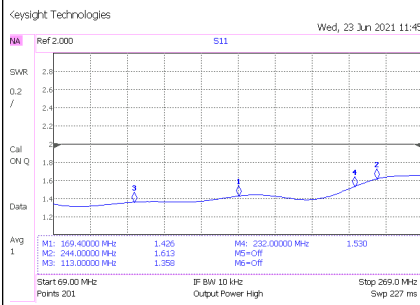
TEST PATTERNS

VSWR

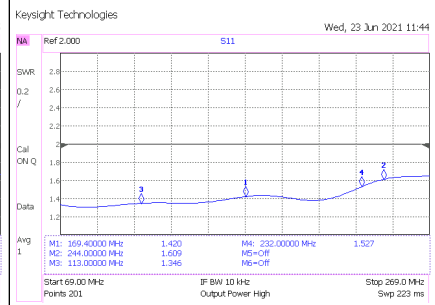
PORT 1



PORT 2

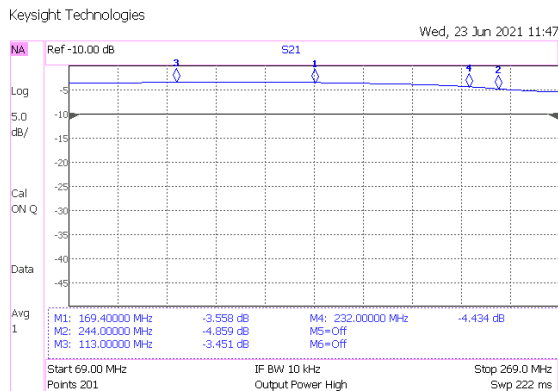


PORT 3

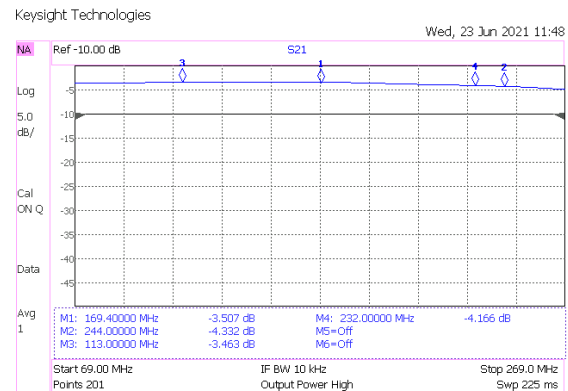


INSERTION LOSS

S21



S31



INSULATION

S32

