

Microwavefilters® &

Microwave components for telecommunication systems

U-Bend Family

From 4 GHz (WR187)
to 11 GHz (WR90)

Compact, high RL & with
captive screws included

Microwavefilters & TVC srl

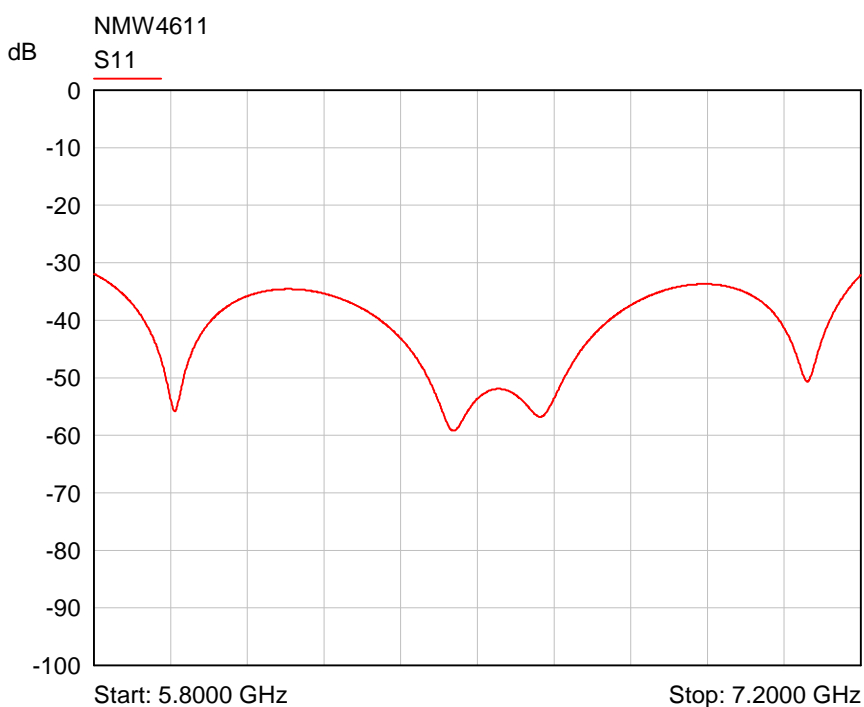
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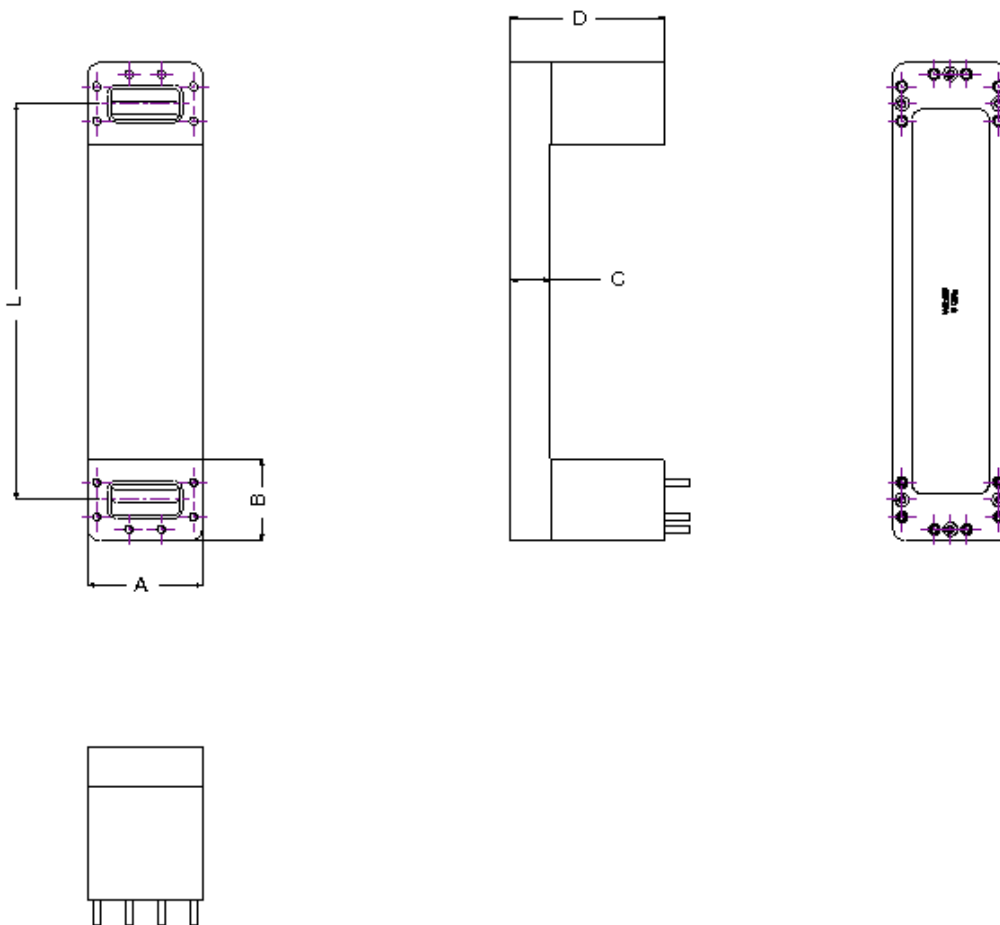
Microwave components for telecommunication systems

This new family of U-Bends is very practical for connecting diplexers, circulators and other waveguide devices in long-haul branching systems. Return Loss is ≥ 25 dB (typically 30 dB).

P/N	Waveguide (IEC/EIA)	Frequency Range (GHz)	RL (dB)	IL (dB)	Input/Output
NMW4511	R48/WR187	3.6 – 5.0	> 25 (typ. 30)	≤ 0.1	UER48 Compatible Flanges
NMW4611	R70/WR137	5.7 – 7.1	> 25 (typ. 30)	≤ 0.1	UER70 Compatible Flanges
NMW4711	R84/WR112	7.1 – 8.5	> 25 (typ. 30)	≤ 0.1	UER84 Compatible Flanges
NMW4811	R100/WR90	10.0 – 11.7	> 25 (typ. 30)	≤ 0.1	UER100 Compatible Flanges



Typical frequency response



P/N Dimension (mm)	NMW4511	NMW4611	NMW4711	NMW4811
A	71.5	58	51.2	45
B	45.3	41.4	34.9	32.3
C	26.8	19.8	16.6	14.2
D	38.4	77.8	74.6	72.4
L	200	200	200	200