

## SMW OMT 30

### ORTHO MODE TRANSDUCER (OMT)



OMT 30 receives two polarizations with high cross polarization (isolation) and minimal transmission loss. In the extensive test program we test and tune each unit for the best isolation, minimal transmission loss and the best matching against the most common feedhorns and LNBS on the market. Swedish Microwave was founded 1986 and, within Europe, is the oldest manufacturer of LNBS. In the standard product range we have DRO-LNBS, PLL-LNBS, LNAs, Block Down Converters (BDC), Up & Down Converters, Quattro LNBS, Twin LNBS, Ortho mode transducers (OMT), Line Amplifiers and Feedhorns.

SMW	OMT 30
Frequency range	10,7-14,5 GHz Vertical 10,7-12,75 GHz Horizontal
SWR	1.5:1 max
Transmission loss	0,1 dB
Cross polarization (Isolation)	31,5 dB min
Input	Circular Waveguide 18 mm
Output	WR75 Waveguide
Material	Zinc
Weight	200 g
Options	Bend for the vertical polarization (both LNBS point straight down) Adapter C120/C120 (if the hole pattern doesn't match the feedhorn) Depolarizer to receive RHC (right hand circular) and LHC (left hand circular) simultaneously