

MultiCom Fejlesztő és Szolgáltató Kft.

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Cavity Transmitter Combiner for VHF frequency bands

The transmitter combiners are used in mobile radiocommunication systems. They make it possible to connect the transmitters of the base stations to a common antenna. This solution provides a lower insertion loss than hybrid combiners.

TECHNICAL SPECIFICATIONS	
Drawing number	SYS-B8371/-A
Model Number	MCMX-160-T4A1
Frequency Band (MHz)	146-174
Number of Channels	4
Max power (W)	100 W
Suggested Frequency Spacing (kHz)	≥ 300 kHz
Max. insertion loss (dB)	3.5 dB
Isolation Tx/Tx (dB)	≥ 60
Isolation Ant/Tx (dB)	≥ 43
Nominal Impedance	50 Ω
VSWR	≤1.3:1
Isolator	Dual
Type of coaxial connectors	N female
Temperature Range	-20.....+65C°
Dimensions H xW x D (Metric)with out connectors	735 x 483 x 320
Weight (kg)	24,5 kg

