

902 MULTIPLEXERS AND FILTERS

MULTIPLEXER UHF-UHF-VHF/FM MAST

Code : **9020042**

Model : **MM-307**

Description

Multiplexers for masts, or by bands, of three inputs. They mix the signals from several antennas in a single coaxial cable.

Applications

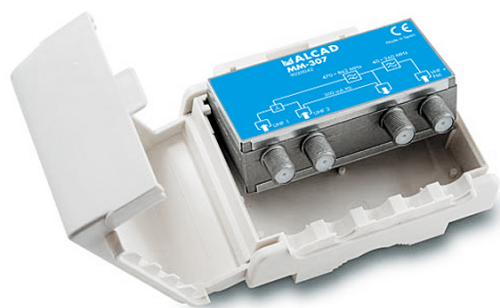
Individual digital and analogue terrestrial TV installations. In installations where the reception levels are adequate (60 to 75 dB μ V) the signals of all the antennas can be combined to distribute them in the building with a single coaxial cable.

Characteristics

Shielded zamak chassis, covered by an ABS plastic box for outdoor use. Fixed to the mast by means of a polyamide clamp. F-type connectors. Supplied in individual or multiple packs.

Accessories

9120039 CM-004 Male F connector for \varnothing 6.6mm coaxial. 9080023 MC-302 Male F connector for RG-6 coaxial, \varnothing 7.0 mm.



| CODE | 9020017 | | | | 9020042 | | | |
|--------------------------|--------------|----------------|---------|-----------------|---------------|-----------------|------|--|
| MODEL | MM-303 | | | | MM-307 | | | |
| Connection | F female | | | | | | | |
| Inputs | 3 | | | | 3 | | | |
| Frequency range | Band | FM | BIII | UHF | VHF | UHF1 | UHF2 | |
| | MHz | 88-108 | 160-260 | 470-862 | 10-260 | 470-862 | | |
| Insertion loss | dB \pm TOL | 0.2 \pm 0,6 | | 1.5 \pm 0,5 | 0.5 \pm 0,3 | 4.0 \pm 0,6 | | |
| Flatness response | dB | \pm 0.3 | | | \pm 0.25 | | | |
| Isolation between inputs | dB | - | | | - | \geq 15 | | |
| Rejection between inputs | dB | - | | | \geq 30 | | | |
| Return loss I/O | dB | \geq 10 | | | 11 | 13 | | |
| Fixed DC path | mA | - | | 60 (switchable) | - | | 200 | |
| Chroma-luminance delay | ns | - | | | <1 | | | |
| Operating temperature | $^{\circ}$ C | -10..+65 | | | | | | |
| Protection index | | IP 53 | | | | | | |
| Units per packaging | | 1 | | | | 24 | | |
| Packing weight | Kg | 0.16 | | | | 4.1 | | |
| Packing dimensions | mm | 113 x 103 x 45 | | | | 310 x 205 x 250 | | |

