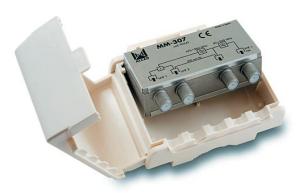


902

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 Ø6.6mm coaxial. 9080023 MC-302 Male F connector for RG-6 coaxial, Ø7.0 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±TOL | 0.2 ±0,6 | | 1.5 ±0,5 | 0.5 ±0,3 | 4.0 ±0,6 | |
| Flatness response | dB | ±0.3 | | | ±0.25 | | |
| Isolation between inputs | dB | - | | | - | ≥15 | |
| Rejection between inputs | dB | - | | | ≥30 | | |
| Return loss I/O | dB | ≥10 | | | 11 | 13 | |
| Fixed DC path | mA | | - | 60 (switchable) | - 20' | | 200 |
| Chroma-luminance delay | ns | - | | | <1 | | |
| Operating temperature | °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 | | |

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