

# 902 MULTIPLEXERS AND FILTERS

## MULTIPLEXER 3 INP, UHF-BIII-FM WITH DC



Code : **9020017**

Model : **MM-303**

### 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 $\mu$ 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		

