






# 2 wideband SAT IF distribution equipment DTT processing units

- dedicated for operation with OTF302 optical transmitter
- processing of VHF and UHF of air signal
- integrated AGC loop
- integrated LTE 700/800 signal suppression filter 
- DC feeding via output connector
- for outdoor mounting
- shielded metal case inside plastic housing
- connectors:  
RF ports - type F



### Technical specifications

T Y P E		MCA101T	MCA101L
Ordering number		14827	14828
<b>RF inputs</b>			
VHF gain / input level	87.5-240 MHz	-3...-14 dB adjustable, passive / min. 86 dB $\mu$ V, max. 97 dB $\mu$ V*	
UHF input level	470-694 MHz	55-80 dB $\mu$ V** 	-
	470-790 MHz	-	55-80 dB $\mu$ V** 
Number of inputs		2	
UHF noise figure		< 5 dB	
UHF AGC range		25 dB	
<b>RF output</b>			
Output level UHF, AGC range		93 dB $\mu$ V	
<b>General</b>			
Return loss / impedance		> 10 dB / 75 $\Omega$	
Supply voltage		10 - 20 V	
Current consumption		130 mA max.	
Operating temperature range		-20 $^{\circ}$ $\div$ +50 $^{\circ}$ C	
Dimensions/Weight (packed)		89x107x43 mm/0.18 kg	

\* according requirements of OTF302 terrestrial input

\*\* AGC range