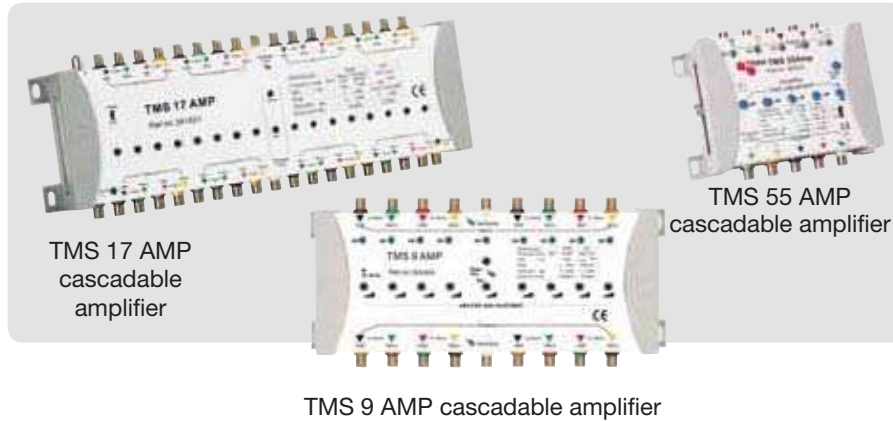


Triax TMS 17 - 13 - 9 - 5 IF-amplifiers



Boost your signal to get more mileage.

Using a TMS line amplifier you can compensate for the cable loss in your distribution system.

Technical data - IF amplifiers

TYPE		TMS 17 Amp	TMS 13 Amp	TMS 9 Amp	TMS 8 Amp
Art. No.		301501	307415	300365	300425
Number of inputs		16 SAT, 1 TER + Power link	12 SAT, 1 TER	8 SAT, 1 TER	8 SAT
Number of outputs		16 SAT, 1 TER + Power link	12 SAT, 1 TER	8 SAT, 1 TER	8 SAT
Connectors	F-con	female	female	female	female
Frequency range SAT	MHz	950-2150	950-2150	950-2150	950-2150
Frequency range TER	MHz	5-862	5-862	47-862	
Return path TER	MHz	5-65 (passive)	5-65 (passive)		
Gain SAT 950 - 2150 MHz	dB	18...24 (± 2)	18...24 (± 2)	14 (± 2)	32...36 (4 dB Slope)
Gain TER forward	dB	17	17 (± 2)	17 (± 2)	
Noise figur SAT	dB	< 8	< 8		< 16
Noise figur TER	dB	< 7	< 5		
Adjustable attenuator SAT	dB	0...10	0...10	0...20	0...20
Adjustable attenuator TER	dB	0...10	0...10	0...20	
Equalizer SAT	dB	0 or 6 (switchable)	0 or 6 (switchable)	5 (fixed)	0...10
Equalizer TER	dB	0...15 (adjustable)	0...15 (adjustable)	2...15 (adjustable)	
Isolation SAT to SAT	dB	30	30		> 25
Isolation TER to SAT	dB	22	28		
Max. output level SAT (IMD ₃ - 35 dB)	dBμV	110	110	110	120
Max. output level TER (IMD ₃ - 60 dB)	dBμV	105	105	105	
Return loss	dB	10	10	10	10
Impedance input/output	Ohm	75	75	75	75
Supply voltage	VDC	18 (via power link)	18 (via DC plug or trunk)		1 (build in)
Power supply		External power adaptor	External power adaptor	External power adaptor	Internal
Colourcoding of IF and TER inputs		Yes	Yes	Yes	Yes
Temperature range	°C	0...+55	0...+55	0...+55	0...+55
Dimensions (H x D x W)	mm	152 x 51 x 355		152 x 51 x 253	140 x 121 x 250