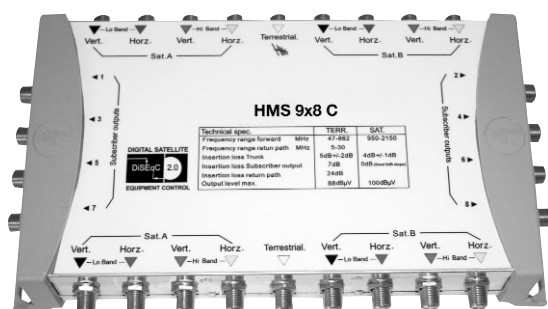



Triax-Hirschmann Multimedia

PRODUCT INFORMATION

Cascadable Multiswitch



Order No.	
940 369-001	
940 370-001	
940 371-001	
940 372-001	

HMS 9x6C
HMS 9x8C
HMS 9x12C
HMS 9x16C

Description

The HMS 9xC Series is an easy to install cascadable system for use where two satellite positions are required. A terrestrial input is available to allow terrestrial as well as satellite signals to be available on all subscriber outputs.

This product series comprises versions with 4, 6 and 8 Subscriber Outputs in one cascadable unit allowing a large number of subscriber outputs to be realized with this product. A HMS 9 AMP amplifier is also available for insertion in the system where it is necessary due to cable loss. Please see separate specification.

HMS 9xC has an active signal path and a passive terrestrial return path. A set-top box is not required at subscriber outlet to receive terrestrial signals. Satellite position switching is done via DiSEqC signals from the subscriber set-top box. A maximum of 100mA is sourced for this purpose from the subscriber set-top box.

All input connectors are color coded to avoid installation errors and make the installation an easy and simple task. Supports network remote power via trunk distribution lines.

Antennas

Signal reception

Amplifiers

Multiswitches

Passive Components

Receivers

catTV

Technical Data

TYPE Part No.		HMS 9x6C 940369-001	HMS 9x8C 940370-001	HMS 9x12C 940371-001	HMS 9x16C 940372-001
Number of inputs		8 SAT, 1 TER	8 SAT, 1 TER	8 SAT, 1 TER	8 SAT, 1 TER
Number of outputs		8 SAT, 1 TER	8 SAT, 1 TER	8 SAT, 1 TER	8 SAT, 1 TER
Subscriber outputs		6	8	12	16
Connectors	F-con	female	female	female	female
Frequency range SAT	MHz	950-2150 (active)	950-2150 (active)	950-2150 (active)	950-2150 (active)
Frequency range TER	MHz	5-862 (active)	5-862 (active)	5-862 (active)	5-862 (active)
Return path TER	MHz	5-65 (passive)	5-65 (passive)	5-65 (passive)	5-65 (passive)
Gain SAT (with 5 dB slope)	dB	- 3 to 2 (\pm 1.0)	- 3 to 2 (\pm 1.0)	- 3	- 3
Gain TER	dB	- 9	- 9	- 9	- 9
Insertion loss trunkline SAT	dB	3 (\pm 2.0)	4 (\pm 2.0)	4 (\pm 2.0)	4 (\pm 2.0)
Insertion loss trunkline TER	dB	4 (\pm 1.0)	5 (\pm 1.0)	5 (\pm 1.0)	5 (\pm 1.0)
Isolation LNB to LNB	dB	35	35	35	35
Isolation TER to SAT	dB	23	23	23	23
Isolation SAT to TER	dB	28	28	28	28
Isolation cross polarisation H/V	dB	28	28	28	28
Isolation out - out TER	dB	28	28	28	28
Isolation out - out SAT	dB	30	30	30	30
Return loss SAT inputs	dB	13	13	13	13
Return loss SAT outputs	dB	8	8	8	8
Return loss TER inputs	dB	11	11	11	11
Return loss TER outputs	dB	8	8	8	8
Output level SAT (IMD ₃ - 35 dB)	dB μ V	100	100	100	100
Output level TER (IMD ₃ - 60 dB)	dB μ V	88	88	88	88
Impedance input/output	Ohm	75	75	75	75
Switching	VDC	14 V - 18 V 14 V/22 kHz - 18 V/22 kHz - DiSEqC 2.0			
Supply voltage	VDC	15 (\pm 1.0)	15 (\pm 1.0)	15 (\pm 1.0)	15 (\pm 1.0)
Power supply		External power adaptor	External power adaptor	External power adaptor	External power adaptor
Max. current pass per F-connector	mA	500	500	500	500
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	124 x 51 x 253	152 x 51 x 253	210 x 51 x 257	210 x 51 x 257