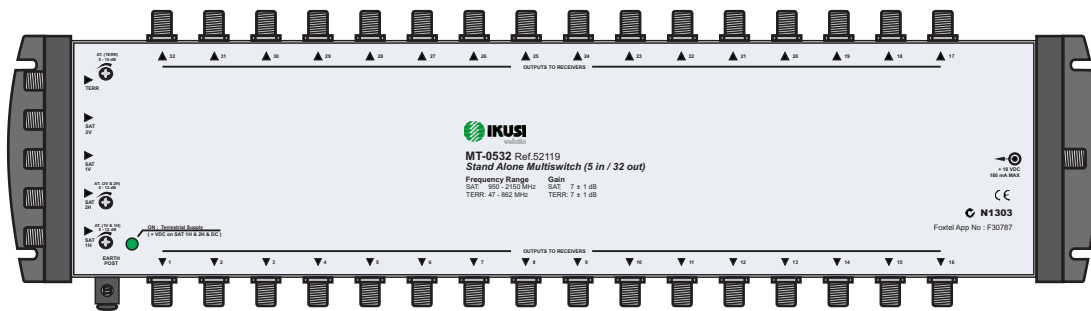


SAT-IF DISTRIBUTION EQUIPMENT



Model: MT-0532



Multiswitch

Stand alone multiswitches for 5-wire system

Features

- Low cost high performance, proven technology for SMATV distribution
- Stand alone Multiswitches for 5-wire system.
- Distribution of 4 satellite - IF polarizations and 1 terrestrial signal to 8, 12 ,16, 24, 32 users of satellite systems
- Active satellite & terrestrial with continuous gain adjustments.
- Satellite path supplied from user receivers. IF polarization switching by voltage/tone.
- Terrestrial path supplied from separate DC input or from power on the SAT 1H or 2H inputs with LED indicator.
- Sheet metal housing, indoor mounting, wall fixing.
- Foxtel Approved



SAT-IF DISTRIBUTION EQUIPMENT



Specifications

Stand Alone Multiswitches

Model			MT-0508	MT-0512	MT-0516	MT-0524	MT-0532
Reference			52105	52106	52107	52118	52119
Number of satellite inputs			4	4	4	4	4
Number of terrestrial input			1	1	1	1	1
Number of outputs (users)			8	12	16	24	32
SAT frequency Band		MHz	950 - 2150	950 - 2150	950 - 2150	950 - 2150	950 - 2150
TERR frequency Band		MHz	5 - 862	5 - 862	5 - 862	47 - 862	47 - 862
Gain	SAT	dB	13 (±1)	11 (±1)	11 (±2)	8 (±1)	7 (±1)
	TERR	dB	15 (±1)	9 (±1)	10 (±2)	8 (±1)	7 (±1)
Variable Attenuation	SAT 1V & 1H	dB	0 - 12	0 - 12	0 - 12	0 - 12	0 - 12
	SAT 2V & 2H	dB	0 - 12	0 - 12	0 - 12	0 - 12	0 - 12
	TERR	dB	0 - 15	0 - 15	0 - 15	0 - 15	0 - 15
SAT output level (-25 dB IM3 notch test IM3 AS/NZS 1367)		dBuV	≥ 98	≥ 99	≥ 99	≥ 95	≥ 95
Terr output level (-30 dB IM3 AS/NZS 1367)		dBuV	≥ 98	≥ 93	≥ 93	≥ 88	≥ 85
Satellite input isolation		dB	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30
Output isolation		dB	≥ 25	≥ 25	≥ 25	≥ 23	≥ 23
Terrestrial to Satellite isolation		dB	≥ 25	≥ 25	≥ 25	≥ 30	≥ 30
Input / Output return loss		dB	≥ 10	≥ 10	≥ 10	≥ 10	≥ 10
Switching by 13/18 V and 0/22 kHz			Yes	Yes	Yes	Yes	Yes
Max supply current from users' receivers		mA	200	200	200	200	200
Power requirements for TERR path (*)			18V / 140mA	18V / 140mA	18V / 140mA	18V / 180mA	18V / 180mA
Input and Output RF connectors			F-female	F-female	F-female	F-female	F-female
Terrestrial supply DC connector			F-female	F-female	F-female	F-female	F-female
Dimensions L x W x H		mm	182 x 125 x 54	270 x 125 x 54	270 x 125 x 54	360 x 125 x 54	470 x 125 x 54

For further information on applications, refer to TechNote 23.

