

Multiswitches

Cascadable multiswitches

SWI85..PLUS Series

SWI8508PLUS
SWI8512PLUS
SWI8516PLUS

5 input cascadable adjustable multiswitches (4 SAT + 1 TV)

- Optimised energy consumption
- Capable of 100m drop length
- Very high isolation (45dB)
- Very high electrical performance
- TV gain adjustment
- 2 x SAT gain adjustments (high and low band)
- Fixed gain on the return path
- Full HD compliant
- Can be used with SWI95../UK to create a mixed system
- Standard colour coding for easy installation



| Item Code | | SWI8508PLUS 271055 | SWI8512PLUS 271056 | SWI8516PLUS 271063 |
|---------------------------|--------|-----------------------|-----------------------|-----------------------|
| No. of inputs | | 5 (4 SAT + 1 TV) | 5 (4 SAT + 1 TV) | 5 (4 SAT + 1 TV) |
| No. of outputs | | 8 | 12 | 16 |
| SAT | | | | |
| Bandwidth | MHz | 950-2150 | 950-2150 | 950-2150 |
| Gain (tilt) | dB | -4 to 0 | -4 to 0 | -3 to 1 |
| Gain adjustment | dB | 15 | 15 | 15 |
| Maximum output level | dBμV | 110 (-35dBc 2 tones) | 110 (-35dBc 2 tones) | 108 (-35dBc 2 tones) |
| Insertion loss | dB | 2 | 2.5 | 2.5 |
| TV | | | | |
| Bandwidth | MHz | 85-862 | 85-862 | 85-862 |
| Gain (tilt) | dB | -8 to -4 | -8 to -4 | -9 to -5 |
| Gain adjustment | dB | 20 | 20 | 20 |
| Maximum output level | dBμV | 105 (-35dBc 2 tones) | 105 (-35dBc 2 tones) | 102 (-35dBc 2 tones) |
| Insertion loss | dB | 1.5 | 2 | 2 |
| RETURN PATH | | | | |
| Bandwidth | MHz | 5-65 | 5-65 | 5-65 |
| Gain | dB | -4 | -5 | -6 |
| Maximum output level | dB | 100 (-35dBc 2 tones) | 100 (-35dBc 2 tones) | 100 (-35dBc 2 tones) |
| Insertion loss | dBμV | 1 | 1 | 1 |
| GENERAL PARAMETERS | | | | |
| Power supply | V | 14/18 | 14/18 | 14/18 |
| Switching control | V, KHz | 14/18, 0/22 | 14/18, 0/22 | 14/18, 0/22 |
| Power consumption | mA | 280 (14V), 220 (18V) | 280 (14V), 220 (18V) | 280 (14V), 220 (18V) |
| Dimensions (lxhxw) | mm | 260x120x30 | 340x120x30 | 425x120x30 |
| Operating temperature | °C | -10 to 55 | -10 to 55 | -10 to 55 |