

# 9 inputs. MSC series

NEW PRODUCT



| MODEL  |            | MSC-0906-10                   | MSC-0906-15       | MSC-0910-10       | MSC-0910-15       | MSC-0916-12       | MSC-0916-17       | MSC-0920-12       | MSC-0920-17       |
|--|------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| REF.   |            | 3688                          | 3689              | 3690              | 3691              | 3692              | 3693              | 3694              | 3695              |
| Number of inputs                                   |            | 9 (8 SAT inputs+1 TERR input) |                   |                   |                   |                   |                   |                   |                   |
| Number of outputs                                  |            | 9                             |                   |                   |                   |                   |                   |                   |                   |
| Number of user outputs                             |            | 6                             | 6                 | 10                | 10                | 16                | 16                | 20                | 20                |
| Frequency range SAT                                | MHz        | 950 - 2150                    | 950 - 2150        | 950 - 2150        | 950 - 2150        | 950 - 2150        | 950 - 2150        | 950 - 2150        | 950 - 2150        |
| Frequency range TERR                               | MHz        | 5 - 862                       | 5 - 862           | 5 - 862           | 5 - 862           | 5 - 862           | 5 - 862           | 5 - 862           | 5 - 862           |
| Insertion loss SAT trunk                           | dB         | 2                             | 2                 | 2.5               | 2.5               | 3                 | 3                 | 3.5               | 3.5               |
| Insertion loss TERR trunk                          | dB         | 3                             | 3                 | 4                 | 4                 | 7                 | 7                 | 8                 | 8                 |
| Insertion loss SAT user                            | dB         | 10                            | 15                | 10                | 15                | 12                | 17                | 12                | 17                |
| Insertion loss TERR tap                            | dB         | 18                            | 18                | 22                | 22                | 26                | 26                | 28                | 28                |
| Isolation between V/H polarizations at user output | dB         | 22                            | 22                | 22                | 22                | 20                | 20                | 20                | 20                |
| Isolation between bands L/H at user output         | dB         | 22                            | 22                | 22                | 22                | 22                | 22                | 22                | 22                |
| Isolation between trunk lines                      | dB         | 25                            | 25                | 25                | 25                | 25                | 25                | 25                | 25                |
| Maximum input level SAT                            | dB $\mu$ V | 105                           | 105               | 105               | 105               | 105               | 105               | 105               | 105               |
| Maximum input level TERR                           | dB $\mu$ V | 105                           | 105               | 105               | 105               | 105               | 105               | 105               | 105               |
| Maximum user output level SAT                      | dB $\mu$ V | 95                            | 90                | 95                | 90                | 93                | 88                | 93                | 88                |
| Maximum user output level TERR                     | dB $\mu$ V | 87                            | 87                | 83                | 83                | 79                | 79                | 77                | 77                |
| Current consumption from receiver (18V)            | mA         | 80                            | 80                | 80                | 80                | 80                | 80                | 80                | 80                |
| Operating temperature                              | °C         | -25 ... +60                   | -25 ... +60       | -25 ... +60       | -25 ... +60       | -25 ... +60       | -25 ... +60       | -25 ... +60       | -25 ... +60       |
| Dimensions (w x d x h)                             | cm         | 18.6 x 14.6 x 5.1             | 18.6 x 14.6 x 5.1 | 18.6 x 14.6 x 5.1 | 18.6 x 14.6 x 5.1 | 18.6 x 24.5 x 5.1 |