



# MULTIPLE RF ACTIVE SPLITTERS/COMBINERS

ULTRA WIDE BAND = 50-3.000 MHz

Rover RF  
ACTIVE  
SPLITTER  
Series

mod. **RAS1-X-X-F75**

Rover RF  
ACTIVE  
COMBINER  
Series

mod. **RAC1-X-X-F75**



EASY ASSEMBLY & FUTURE EXPANDABLE



From 1 to 4 Swappable RF INPUT AMPLIFIERS with: RF Monitor Port, RF Sensor, RF Atten., LNB<sup>s</sup> Control and Alarms

From 4 to 32 RF OUTPUTS/INPUTS with: OPTICAL RECEIVER and REDUNDANT POWER SUPPLY all in 1 U19" RACK



- 5 YEARS WARRANTY • RF & OPTICAL INPUT
- MEETS OIP-3, RL and FLATNESS STRICT SPECIFICATIONS
- SPECIALLY DESIGNED for EXTENDED BAND LNB<sup>s</sup> : 250 - 2.350 MHz
- WITH ONLY 4 mod. PARTS OBTAIN MORE THAN 70 SYMMETRICAL & ASYMMETRICAL RF SPLITTER/COMBINERS CONFIGURATIONS

**INNOVATIVE  
PERFORMANCE**

for: SYSTEM INTEGRATOR,  
TELEPORT, BROADCASTER,  
CABLE NETWORK, GOVERNMENT  
& MILITARY COMMUNICATIONS

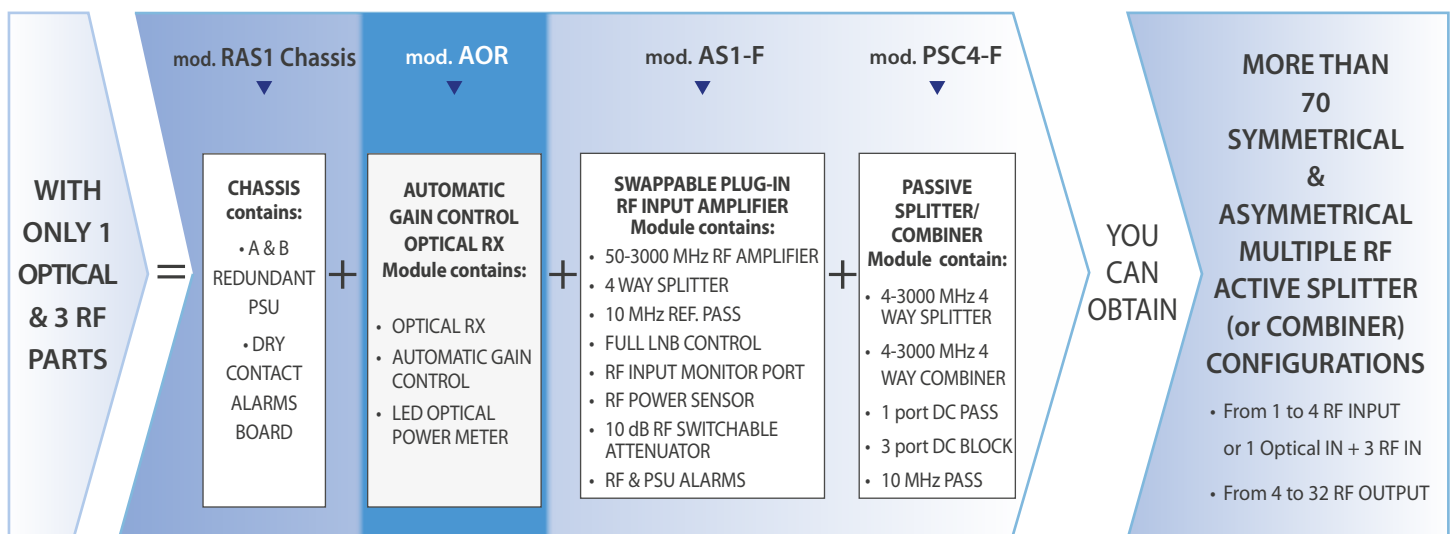
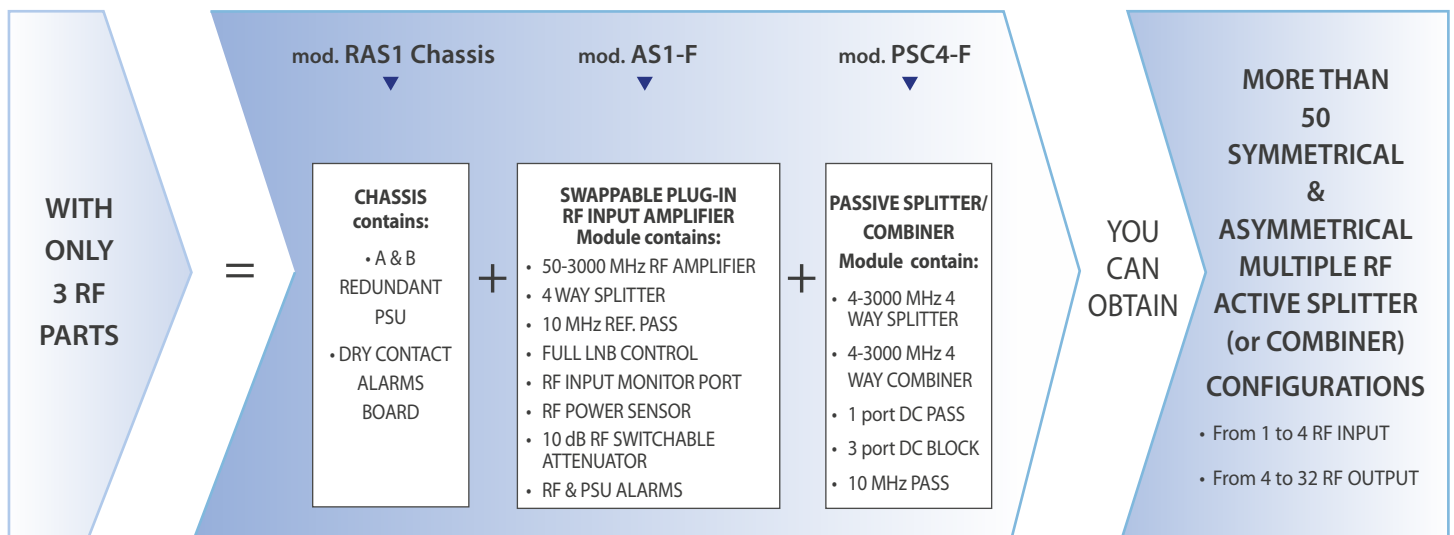
CE DV3



1972 > 2018 >>

46 YEARS OF INNOVATION

## SMALL STOCK = LARGE CONFIGURATION PRODUCT RANGE



### "RAS1" BENEFIT

- Ultra WIDE BAND 50-3.000 MHz flat
- Especially designed for the NEW Extended LNB<sup>s</sup> band: 250-2.350 MHz, (only 1 coax cable for the entire V. or H. Polarization Band)
- Splitter & Combiner function, all in 1 U 19" Rack
- Easy assembly and fully configurable, from 1 Input to 4 Outputs, up to 4 Inputs to 32 Outputs
- 10 MHz Reference PASS at all SLOTS
- Optical Input with AGC RX module (opt.)
- Each Plug-in RF Input Amplifier have on front panel:
  - RF Monitor Port, LNB Power Control, 10 dB RF Attenuator
  - LED for RF Sensor, LNBs and Power Supply Alarms
- Full Custom expandable and rack space optimization
- Intuitive and self-explaining descriptions labels, for Connector, LEDs and Switches

### "RAS1" MAIN FEATURES

- Especially designed for SATCOM SYSTEM INTEGRATOR
- Meets strict specifications like: OIP3, R.L. and Flatness
- Up to 4 RF Input Swappable Plug-in Amplifier, or 1 Optical Input Receiver and up-to 3 RF Input
- SPLITTER/COMBINER PORT per SLOT:
  - N.1 RF IN/OUT port with 10 MHz & DC PASS
  - N.1 RF OUT/IN port with 10 MHz PASS
  - N.3 RF OUT/IN port with Blocked DC
- 10 dB switchable RF Attenuator
- Available optional RF connectors: F, SMA, BNC 75 & 50 ohm
- Available Optional Optical Connectors: SC-APC, LC-APC, E2000, FC-APC
- Redundant PSU from 2 different Power lines
- Dry contact Alarm for: RF Power Sensor, PSU and LNBs
- Fully compatible with all existing System

## "RAS1" TECHNICAL SPECIFICATIONS (COMPLETE RACK)

### RF PORT CAPACITY:

- Input Port Number: 1, 2, 3 or 4 (all Swappable Plug-In module)
- Output Port Number: 4, 8, 12, 16, 20, 24, 28, 31 or 32 (8 slots, 4 way each slot)
- Optical Input port Number: 1 (SC-APC, LC-APC, E2000, FC-APC opt.)
- 10 MHz Reference PASS (through dedicated port N. 1)

### RF SPECIFICATIONS:

- Frequency Range = 50-3.000 MHz
- Connectors = F (or BNC or SMA opt.)
- Impedance = 75 Ohm (or 50 Ohm opt.)
- IP dB = 0 dBm
- OP dB = 0 dBm
- Damage Input Level = 15 dBm
- Input R.L. = >16 dB, 14 dB min.
- Output R.L. = >16 dB, 14 dB min.
- Total Gain/Loss = 0 dB,  $\pm 1,5$  dB typ, 2 dB max
- Temperature gain variation = 1,5 dB from -30° to +60° C
- L Band Flatness =  $\pm 1$  dB, 1,5 dB max
- Full Band Flatness =  $\pm 1,5$  dB, 2 dB max
- Flatness in 36 Mhz interval =  $\pm 0,3$  dB, 0,5 dB max
- Isolation between adjacent out Port = > 24 dB, 24 min.
- IMD = > - 40 dB (2 Tones at -13 dBm)
- Noise Figure = 9 dB

### RF INPUT MONITOR PORT:

- Level = 20 dB down the Input Level
- Connector = SMA
- Impedance = 50  $\Omega$
- Flatness =  $\pm 2$  dB

### LNB POWER CONTROL (on each AS1 INPUT AMPLIF.):

- D.C. VOLTAGE = OFF, 13V, 18V (or 24 optional) max 600 mA for each Input
- TONE = 22 KHz ON/OFF
- LED = green = OK, red = dc short circuit Alarm
- ALARM INDICATION = Via LED and dry contact

### RF POWER SENSING:

- POWER THRESHOLD = - 45 dBm (RMS)
- ALARM INDICATION = LED (and dry contact alarm)

### DRY CONTACT ALARM BOARD:

- CONNECTOR = SUB-D9 Male
- CONTACT LOAD = 65 V - 400 mA
- A & B MAINS PSU = one defective or both
- LNB = dc Short Circuit
- RF POWER SENSING = RF TOO LOW or NO RF Signal

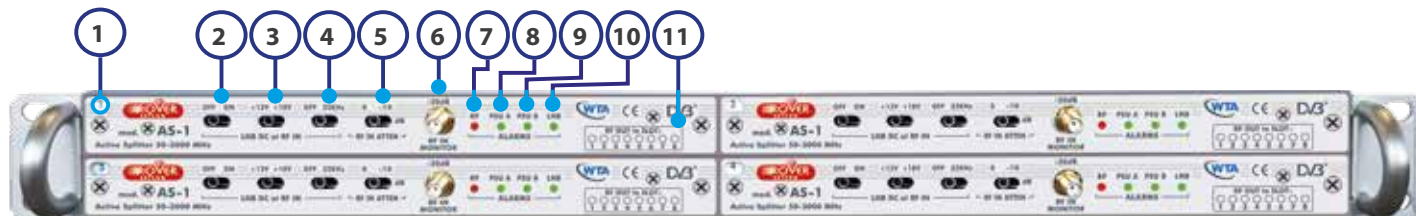
### REDUNDANT POWER SUPPLY:

- N. 2 AC MAINS PSU = 110-240 VAC (with 2 separate receptacle for 2 separate Power LINE)
- AC POWER CONSUMPTION = < 25 VA
- N. 1 EXT DC PSU = 48 V D.C. (optional)

### GENERAL SPECIFICATIONS:

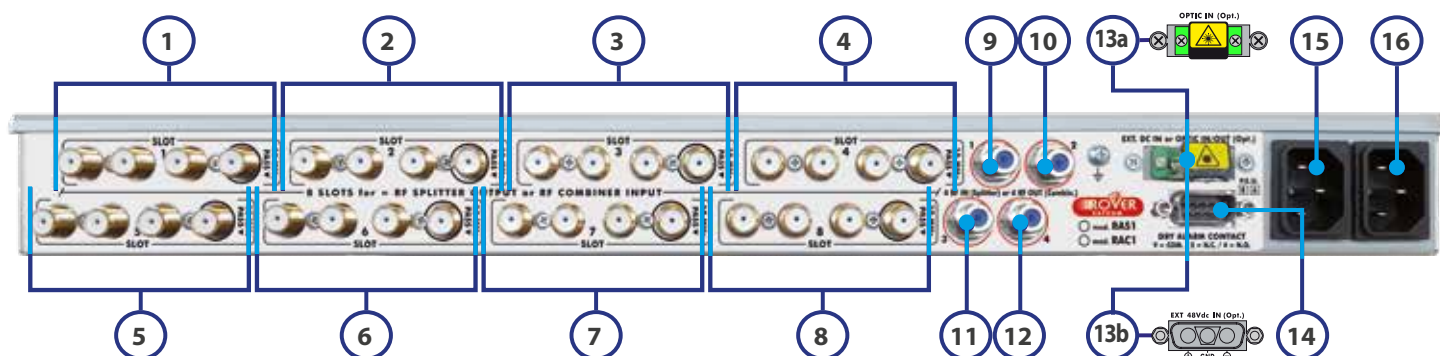
- SLIM CASE = 19" 1U Rack (43 cm deep)
- NET WEIGHT = from 3 to 5 Kg related to the IN/OUT modules
- SAFETY = EN 50 083-1 and EN 60 950.
- ENVIRONMENT:
  - Temperature range: -30° / + 55° (max 60°)
  - Umidity 95%
- EMC = EN 50 083-2

## FRONT PANEL VIEW with 4 SWAPPABLE PLUG-IN RF INPUT AMPLIFIER MODULES



- |                                       |                                       |                                     |
|---------------------------------------|---------------------------------------|-------------------------------------|
| 1. Module position number from 1 to 4 | 5. RF IN ATTENUATOR SWITCH (0/-10 dB) | 9. PSU B LED Alarm                  |
| 2. LNB ON/OFF Switch (DC@RF IN)       | 6. RF INPUT Monitor (SMA connector)   | 10. LNB Led (DC@RF IN) Alarm        |
| 3. LNB 13/18 V Switch (DC@RF IN)      | 7. RF Power Sensor LED Alarm          | 11. LABEL INDICATING OUT/IN RF SLOT |
| 4. LNB 22 Hz TONE Switch (DC@RF IN)   | 8. PSU A LED Alarm                    | (from n° 1 to 8)                    |

## REAR PANEL VIEW with 8 SLOTS for PASSIVE SPLITTER/COMBINER MODULES

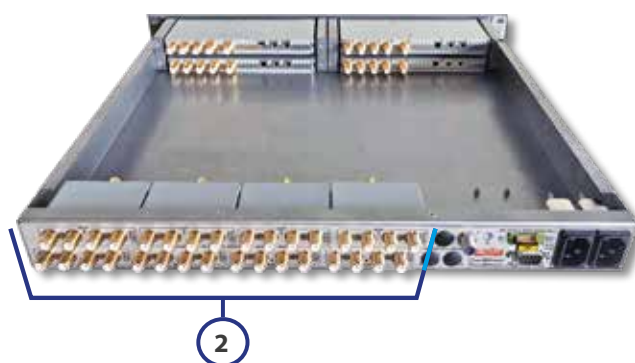


- |                                                       |                                                           |                                                        |
|-------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------|
| 1/8. N. 8 SLOT for: 4 way splitter OUT or combiner IN | 11. RF IN n.3 (DC & 10 MHz PASS)                          | 14. Dry Contact Remote Alarms Connector: "SUB-D9" Male |
| 9. RF IN n.1 (DC & 10 MHz PASS)                       | 12. RF IN n.4 (DC & 10 MHz PASS)                          | 15. AC REDUNDANT MAINS "B" (supplied)                  |
| 10. RF IN n.2 (DC & 10 MHz PASS)                      | 13. a: OPTIC IN (opt.)<br>b: EXT DC P.S.U. 48 V IN (opt.) | 16. AC MAINS "A"                                       |

## PLUG-IN MODULES INTERNAL VIEW



1. Up to N. 4 "AS-1" Plug-in Input Amplifier Modules



2. Up to N. 8 SLOTS for "PSC-4" Passive Splitters/Combiner Modules

## "AS-1" FRONT PANEL LABEL EXPLANATION

### AS-1 Module Position:

1

Printed on the Front panel

### AS-1 Splitter Labels example:



Fill in the related number, according to your RF cable assembling, indicating the related SLOT OUT on the rear.

### AS-1 Module Position:

1

Printed on the Front panel

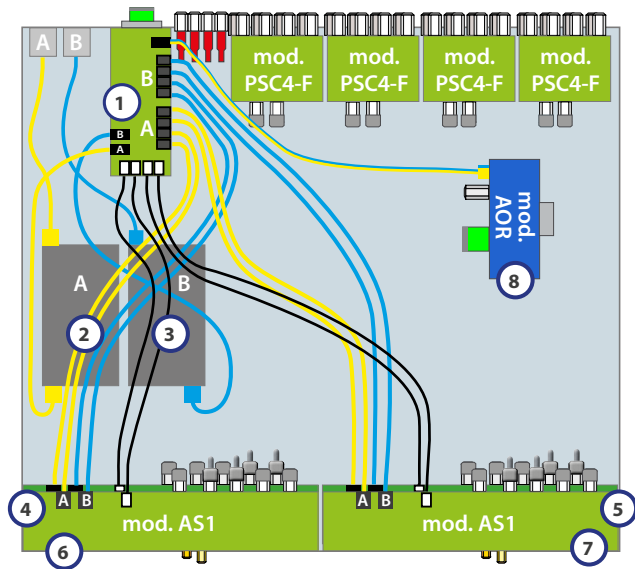
### AC-1 Combiner Labels example:



Fill in the related number, according to your RF cable assembling, indicating the related SLOT IN on the rear.



## POWER SUPPLY & ALARMS CABLING EXAMPLES

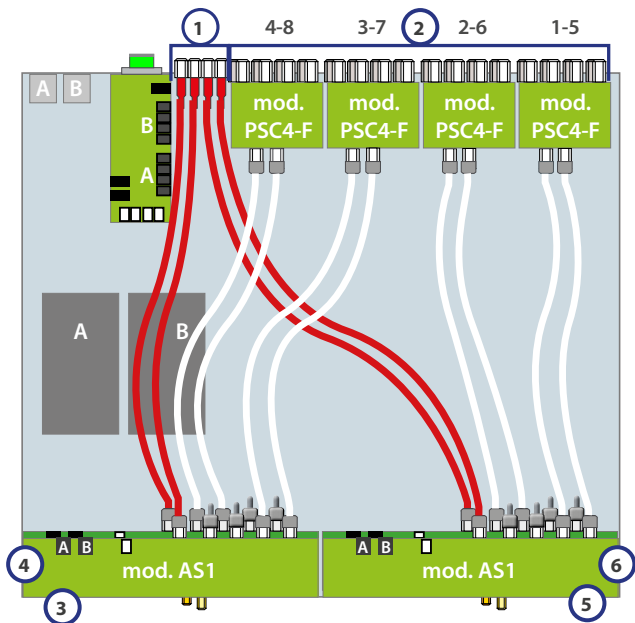


1. Dry Contact Alarm and PSU board
2. AC MAINS P.S.U. A
3. AC REDUNDANT P.S.U. B (supplied)
- 4/7. Swappable Plug-In RF INPUT AMPLIFIER
8. Optical Receiver (opt.)

### INTERNAL CABLING: Power Supply & Alarms only

- = PSU A
- = PSU B
- = PSU A+B (1 WIRE)
- = ALARMS

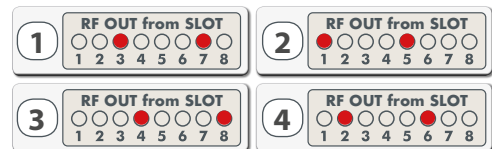
## RF SPLITTER CABLING EXAMPLES (4 INPUTS & 8+8+8+8 OUTPUTS)



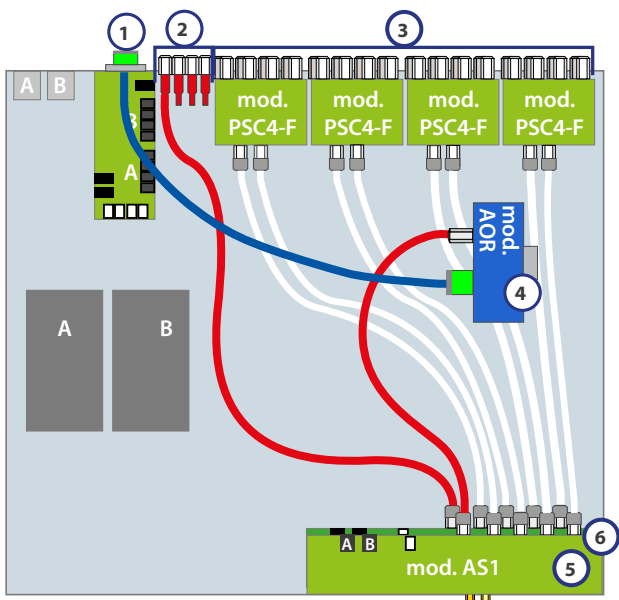
1. N. 4 RF INPUT
2. N. 8 RF OUT Splitter/Combiner SLOTS (4 WAY each)
- 3/6. N. 4 Swappable Plug-In RF INPUT AMPLIFIER

### INTERNAL CABLING: IN/OUT coax cables

- = RF Output cables
- = RF Inputs cables



## MIXED **OPTICAL & RF** SPLITTER CABLING EXAMPLES (1 OPTICAL INPUT 16 RF OUTPUTS & 1 RF INPUT 16 OUTPUTS)



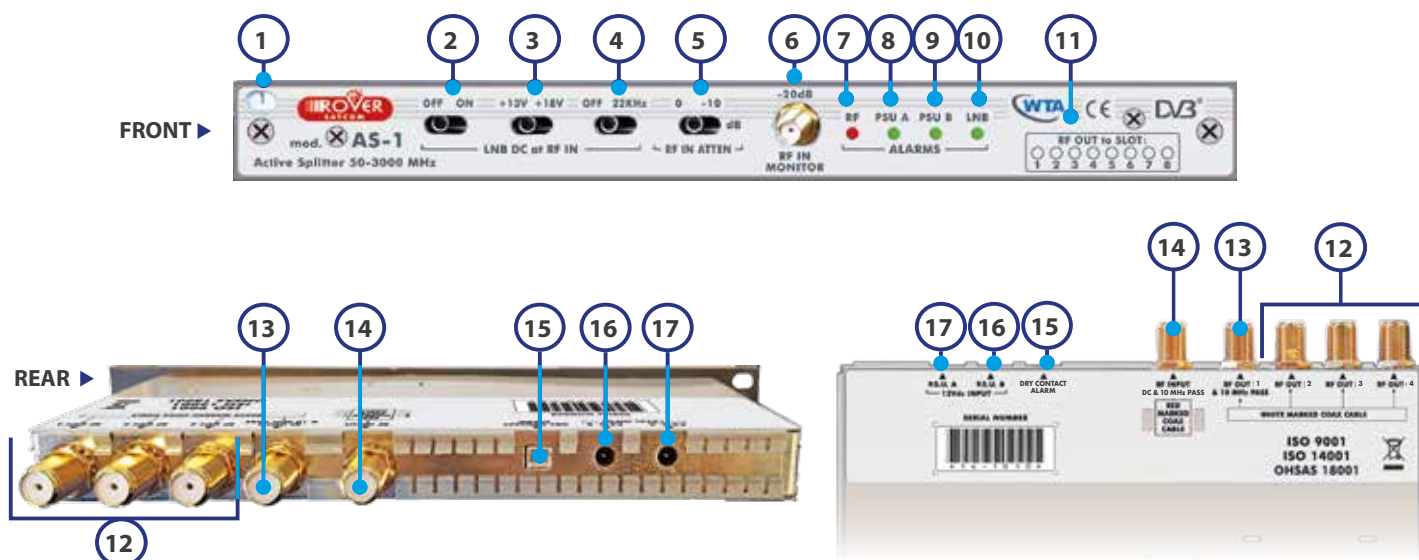
1. Optic Input (SC/APC)
2. N. 4 RF IN
3. N. 8 RF OUT Splitter/Combiner SLOTS (4 WAY each module)
4. N. 1 Optical receiver (mod. AOR) opz.
- 5/6. N. 2 Swappable Plug-in INPUT AMPLIFIER

### INTERNAL CABLING: IN/OUT, OPTIC & RF, Fiber & Coax

- = FIBER Input
- = RF Input cables
- = RF Outputs cables



# "AS-1" SWAPPABLE PLUG-IN RF INPUT AMPLIFIER/SPLITTER MODULE



- |                                       |                                                      |                                        |
|---------------------------------------|------------------------------------------------------|----------------------------------------|
| 1. Module position number from 1 to 4 | 7. RF Power Sensor LED                               | 12. N. 3 RF OUT CONNECTORS             |
| 2. LNB ON/OFF Switch (DC@RF IN)       | 8. PSU A LED                                         | 13. N.1 RF OUT & 10 MHz PASS CONNECT   |
| 3. LNB 13/18 V Switch (DC@RF IN)      | 9. PSU B LED                                         | 14. RF IN CONNECTOR (DC & 10 MHz PASS) |
| 4. LNB 22 KHz TONE Switch (DC@RF IN)  | 10. LNB LED (DC@RF IN)                               | 15. DRY Contact Alarm connector        |
| 5. RF IN ATTENUATOR SWITCH (0/-10 dB) | 11. LABEL INDICATING OUT/IN RF SLOT (from n° 1 to 8) | 16. P.S.U. B 12 Vdc IN connector       |
| 6. RF INPUT Monitor (SMA connector)   |                                                      | 17. P.S.U. A 12 Vdc IN connector       |

## RF PORT CAPACITY:

- Input Port: N. 1
- Output Port : N. 4
- Optical Input port: N. 1 (SC-APC, LC-APC, E2000, FC-APC opt.)
- 10 MHz Reference PASS = through dedicated RF OUT N. 1

## RF SPECIFICATIONS:

- Frequency Range = 50-3.000 MHz
- Connectors = F (or BNC or SMA opt.)
- Impedance = 75 Ohm (or 50 Ohm opt.)
- IP dB = 0 dBm
- OP dB = 0 dBm
- Damage Input Level = 15 dBm
- Input R.L. = >14 dB, 16 dB typ.
- Output R.L. = >14 dB, 16 dB typ.
- Gain:
  - at 50 MHz = 10 dB typ.  $\pm 1$  dB, 1,5 dB max
  - at 1500 MHz = 12,5 dB typ.  $\pm 1$  dB, 1,5 max
  - at 3000 MHz = 15 dB typ.  $\pm 1$  dB, 1,5 dB max
- Temperature gain variation = 1,5 dB from -30° to +60° C
- L Band Flatness =  $\pm 1$  dB typ.
- Full Band Flatness =  $\pm 1,5$  dB typ.
- Flatness in 36 Mhz interval =  $\pm 0,3$  dB typ
- Isolation between adjacent out Port = > 24 dB, 26 typ.
- IMD = < -40 dB (2 Tones at -13 dBm)
- Noise Figure = 9 dB

## RF INPUT MONITOR PORT:

- Level = 20 dB down the Input Level
- Connector = SMA
- Impedance = 50  $\Omega$
- Flatness =  $\pm 2$  dB

## LNB POWER CONTROL (on each AS1 INPUT AMPLIFIER):

- D.C. VOLTAGE = OFF, 13V, 18V (or 24 optional) max 600 mA for each Input
- TONE = 22 KHz ON/OFF
- LED = green = OK, red = dc short circuit Alarm

## RF POWER SENSING:

- POWER THRESHOLD = -45 dBm (RMS)

## ALARM INDICATIONS LED & DRY CONTACTS:

- A & B MAINS PSU = one defective or both
- LNB = dc Short Circuit
- RF POWER SENSING = RF TOO LOW or NO RF Signal

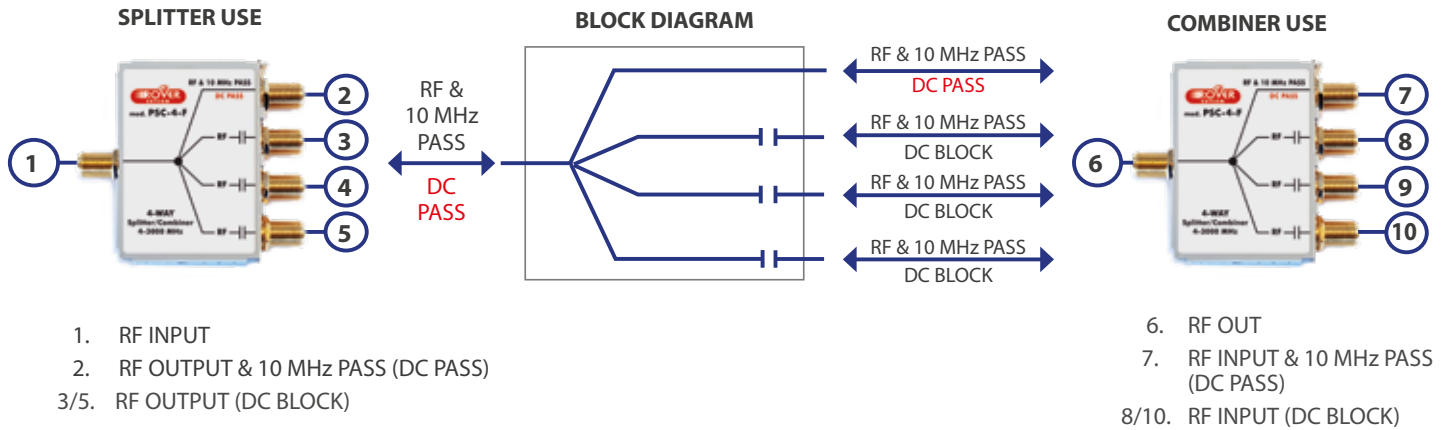
## POWER SUPPLY:

- 12 V d.c., 450 mA module
- 13/18 V d.c., 600 mA LNB

## GENERAL SPECIFICATIONS:

- Module size: H 2,2, W 21,5, D 8,0 cm
- NET WEIGHT = 0,3 Kg
- ENVIRONMENT:
  - Temperature range: -30° / +55° (max 60°)
  - Umidity 95%
- EMC = EN 50 083-2

## "PSC-4" 4 WAY PASSIVE SPLITTER/COMBINER MODULE



### RF PORT CAPACITY

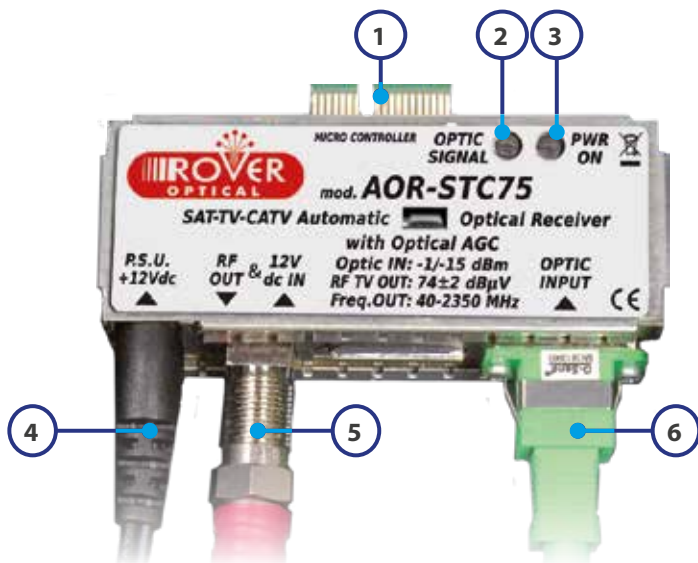
- 1 IN/OUT = RF & 10 MHz PASS, DC PASS
- 1 OUT/IN = RF & 10 MHz PASS, DC PASS
- 3 OUT/IN = RF & 10 MHz PASS, DC BLOCK

### RF SPECIFICATIONS

- Frequency Range = 4-3000 MHz
- Insertion Loss :
  - 4 dB at 4 MHz
  - 6 dB at 1500 MHz
  - 8 dB at 3000 MHz
  - Ref. to 6 dB theory, included 3 dB PAD. ATT.

- Ripple in all band = 1 dB typ., 1,5 max
- Band Slope = 4 dB typ. 5 max (see Insertion Loss)
- L Band Slope = 1 dB
- Input RL = > 16 dB, 14 dB min.
- Output RL = > 16 dB, 14 dB min.
- Isolation = > 26 dB, 24 dB min.
- Fase Balance = 2°
- Amplitude Balance = 0,5 dB

## "AOR" AUTOMATIC GAIN CONTROL OPTICAL RX MODULE



### OPTICAL SPECIFICATIONS

- Optical Wavelength = 128-1610 nm
- Optical Input Power = -1 to 15 dBm (0-18 dBm max)
- Optical Noise =  $5 \pm 1 \text{ pA}/\text{Hz}$
- Optical R.L. = 45 dB
- Optical Connector = SC-APC (LC-APC, E2000, FC-APC opz.)

### RF SPECIFICATIONS

- Frequency Range = 40-2350 MHz (2500 MHz MAX)
- RF Output Level = -30 dBm RMS (stable, from -1 to -15 dBm)
- RF Flatness = 2 dB, 3 max
- RF Impedance = 75 Ohm

- 1. Connector for SW up-grade
- 2. Optical Power Meter LED
- 3. Power ON LED
- 4. P.S.U. + 12Vdc (for both A&B PSU)
- 5. RF OUT (& 12V on line dc)
- 6. OPTICAL INPUT (SC-APC, LC-APC, E2000 & FC-APC)

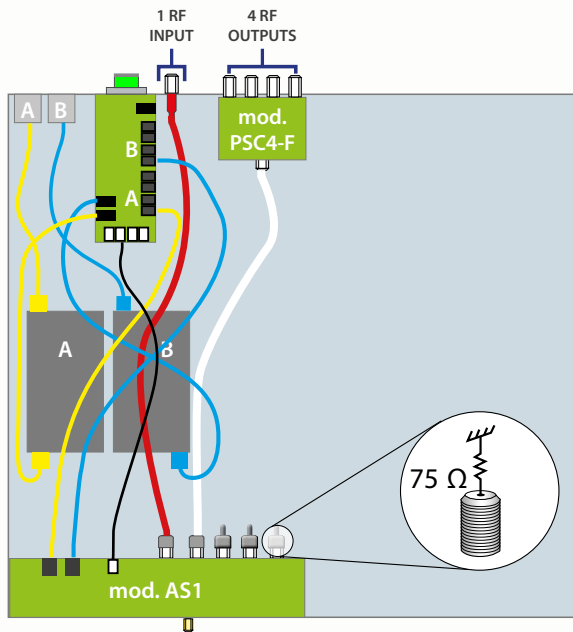
- RF Connector = F
- RF RL = > 14 dB 12 min.
- Operation Temperature = -30 + 60° C

### OPTICAL POWER METER LED:

- Green LED = Optical PWR OK = from -1 to -15 dBm
- Orange LED = Optical PWR to Low = < 15 dBm
- Red LED = NO Optical PWR K= < 18 dBm
- Red flashing = Optical PWR to HIGH = > -1 dBm

# SYMMETRICAL RF MULTIPLE **SPLITTER** ASSEMBLY EXAMPLES

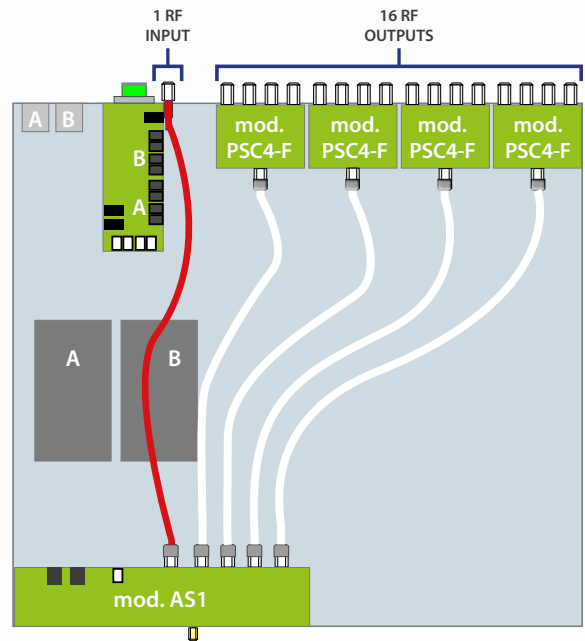
## 1 INPUT 4 OUTPUTS



1 RF OUT from SLOT  
1 2 3 4 5 6 7 8

COMPLETE ORDERING CODE: mod. RAS1-1-4-F75

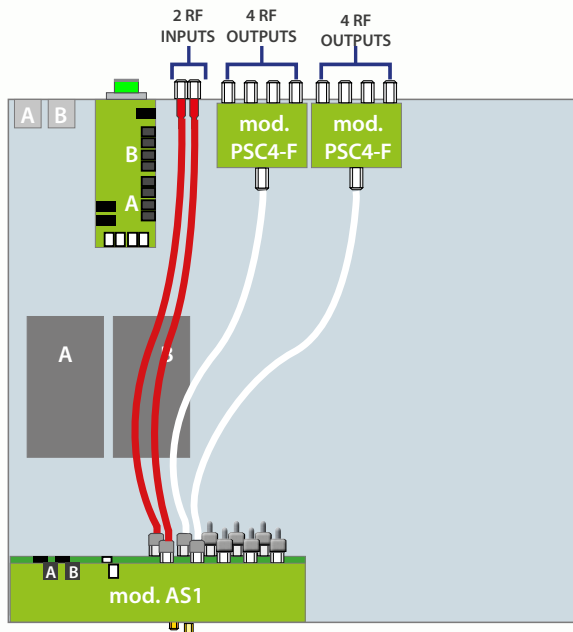
## 1 INPUT 16 OUTPUTS



1 RF OUT from SLOT  
1 2 3 4 5 6 7 8

COMPLETE ORDERING CODE: mod. RAS1-1-16-F75

## 2 INPUTS 4+4 OUTPUTS

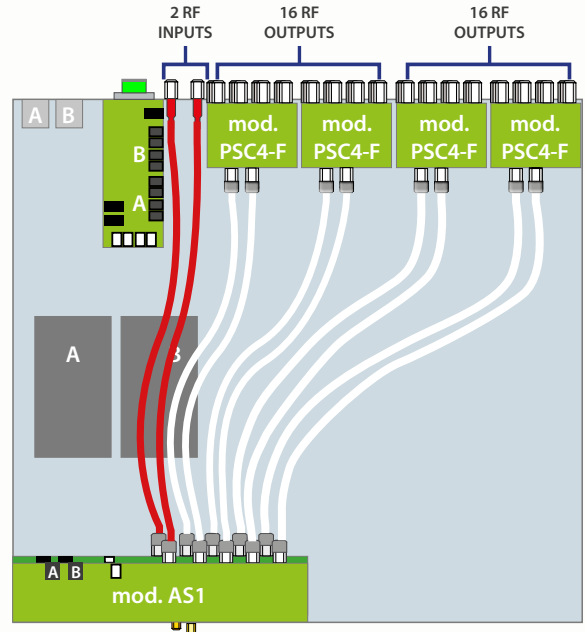


1 RF OUT from SLOT  
1 2 3 4 5 6 7 8

3 RF OUT from SLOT  
1 2 3 4 5 6 7 8

COMPLETE ORDERING CODE: mod. RAS1-2-44-F75

## 2 INPUTS 16+16 OUTPUTS



1 RF OUT from SLOT  
1 2 3 4 5 6 7 8

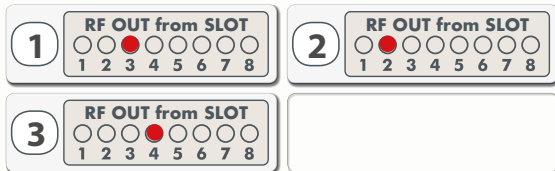
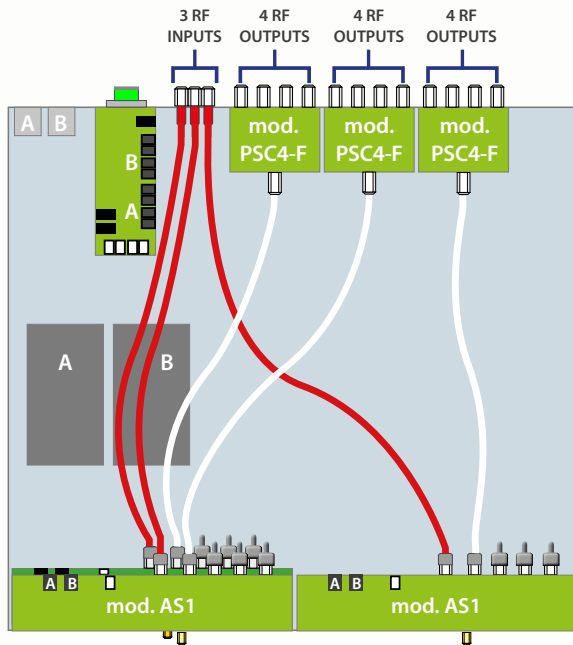
3 RF OUT from SLOT  
1 2 3 4 5 6 7 8

COMPLETE ORDERING CODE: mod. RAS1-2-1616-F75



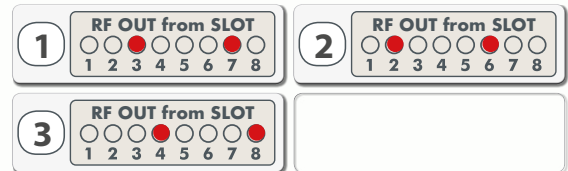
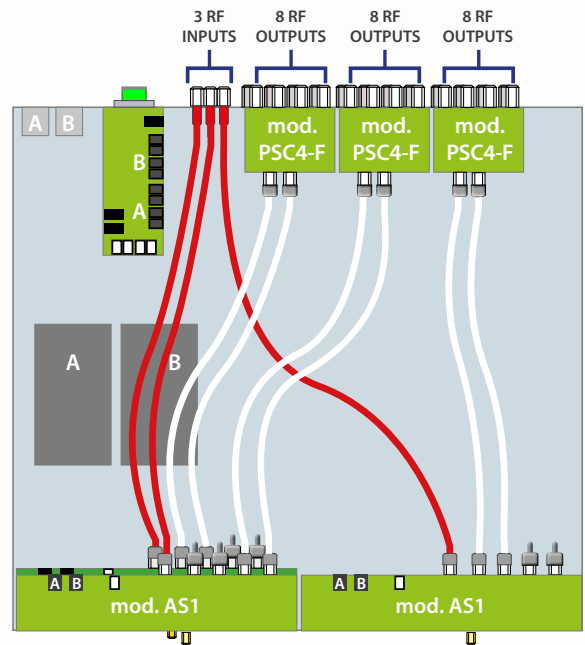
# SYMMETRICAL RF MULTIPLE **SPLITTER** ASSEMBLY EXAMPLES

## 3 INPUTS 4+4+4 OUTPUTS



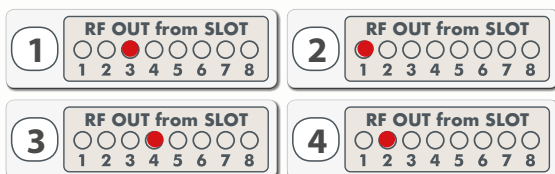
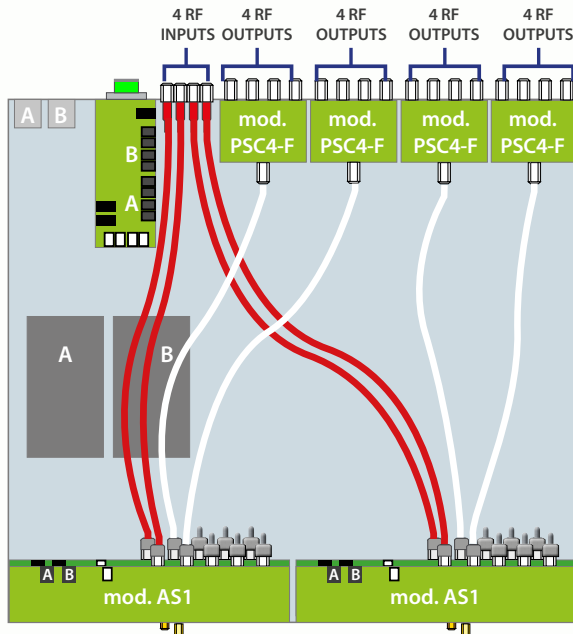
COMPLETE ORDERING CODE: mod. RAS1-3-444-F75

## 3 INPUTS 8+8+8 OUTPUTS



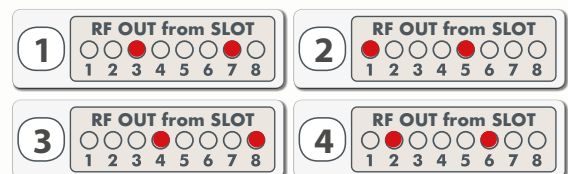
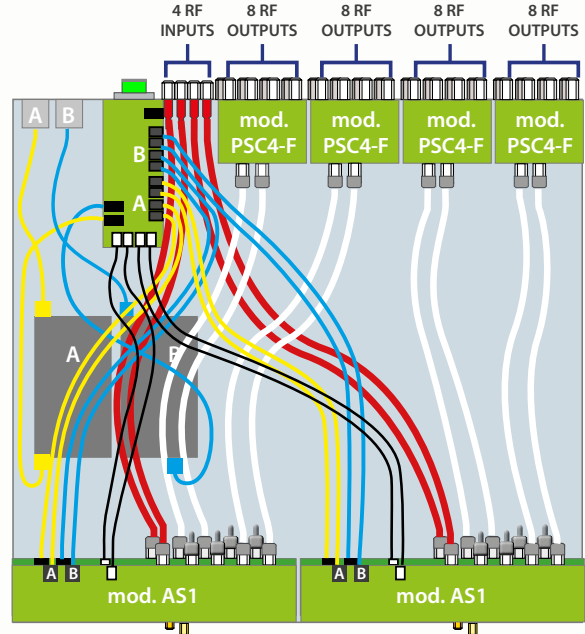
COMPLETE ORDERING CODE: mod. RAS1-3-888-F75

## 4 INPUTS 4+4+4+4 OUTPUTS



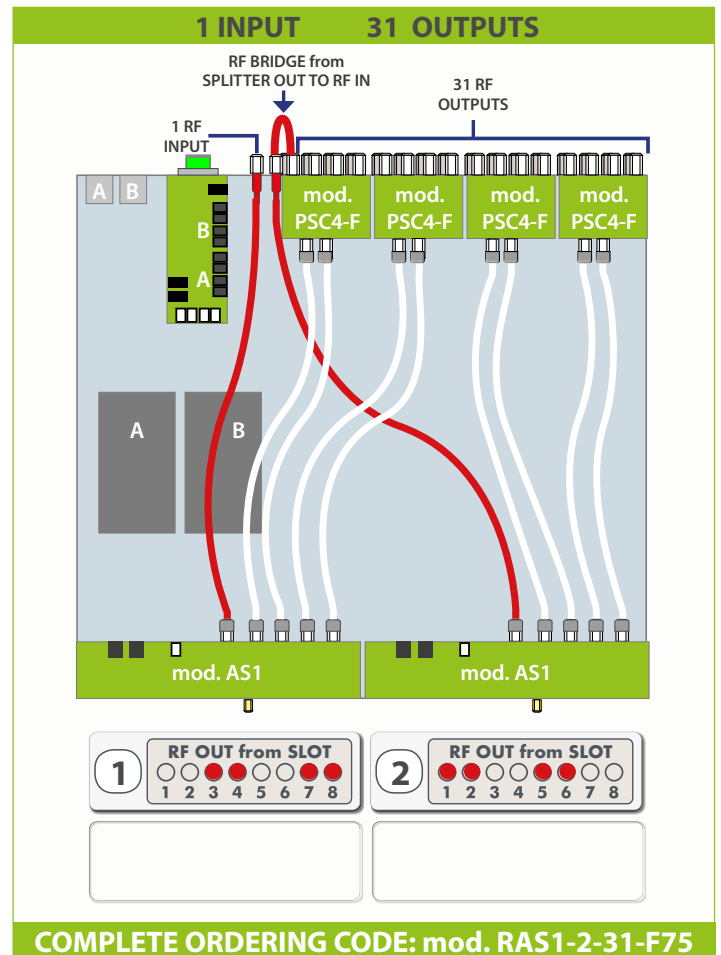
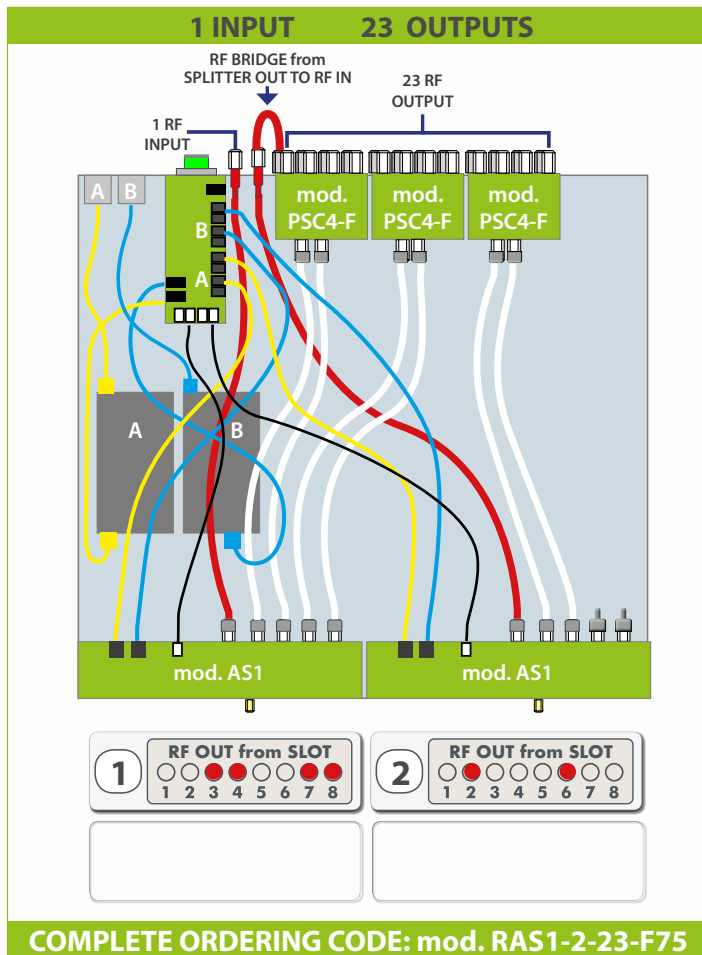
COMPLETE ORDERING CODE: mod. RAS1-4-4444-F75

## 4 INPUTS 8+8+8+8 OUTPUTS

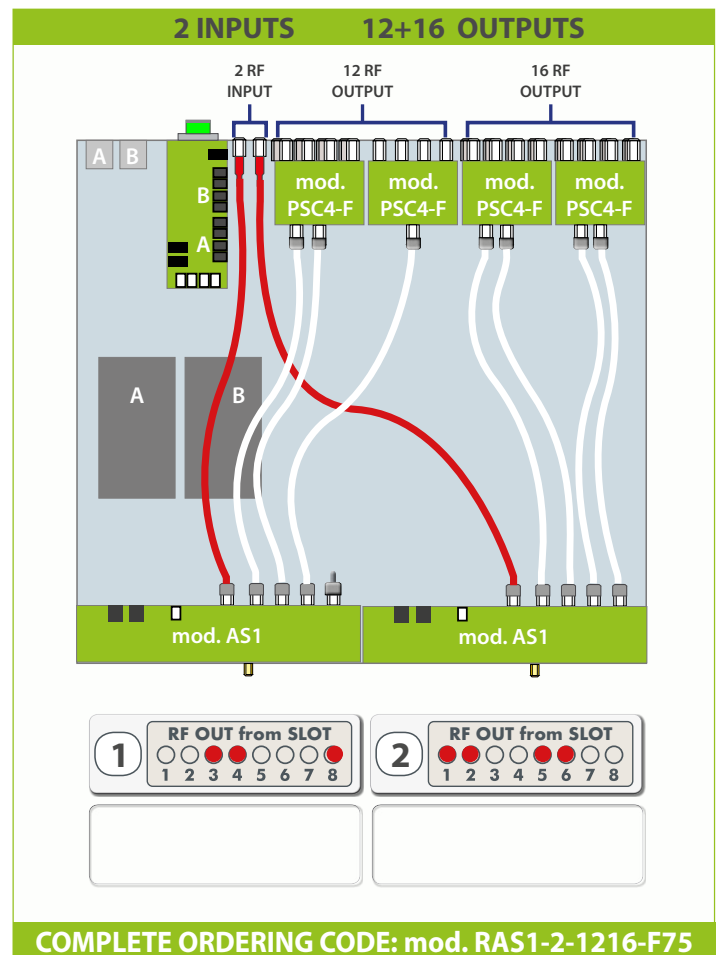
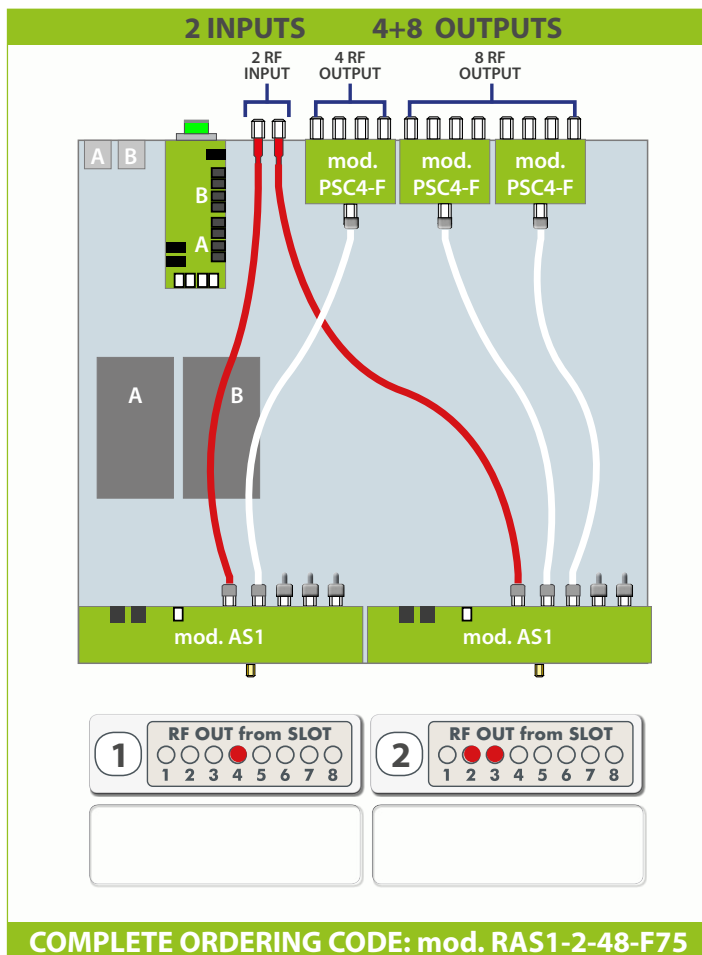


COMPLETE ORDERING CODE: mod. RAS1-4-8888-F75

## SYMMETRICAL RF MULTIPLE SPLITTER ASSEMBLY EXAMPLES

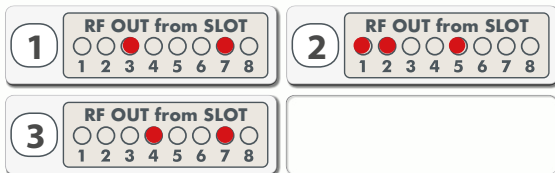
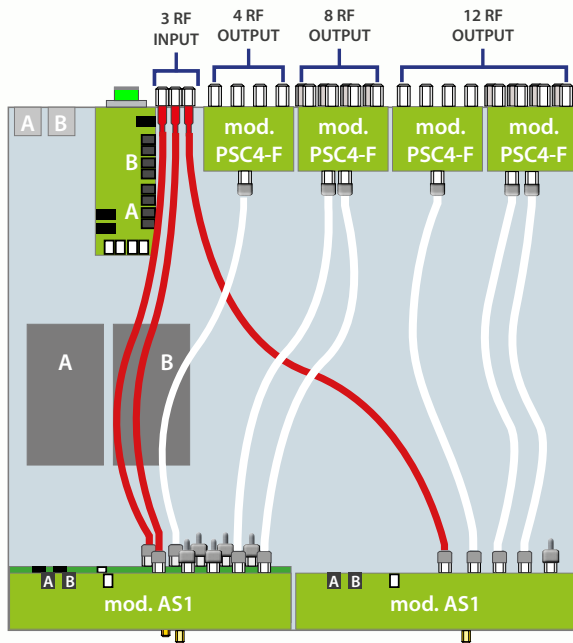


## ASYMMETRICAL RF MULTIPLE SPLITTER ASSEMBLY EXAMPLES



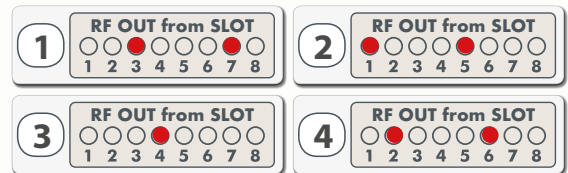
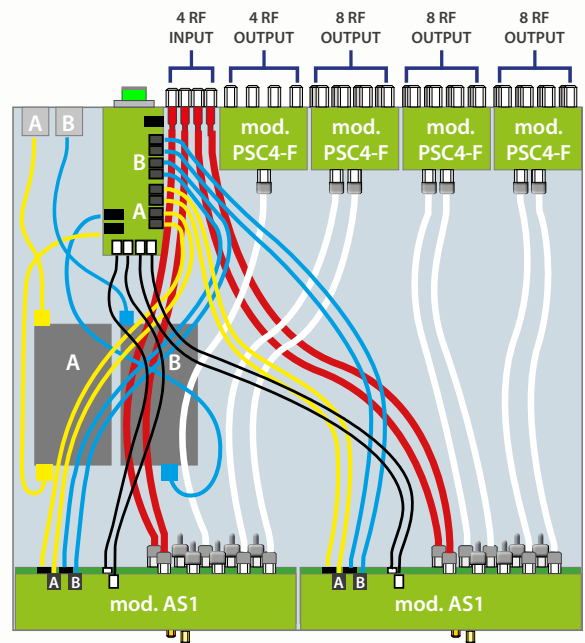
# ASYMMETRICAL RF MULTIPLE **SPLITTER** ASSEMBLY EXAMPLES

## 3 INPUTS 4+8+12 OUTPUTS



COMPLETE ORDERING CODE: mod. RAS1-3-4812-F75

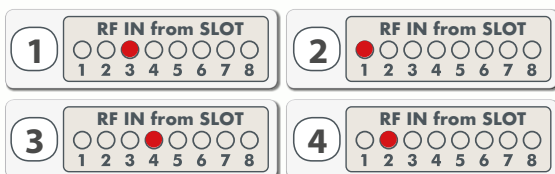
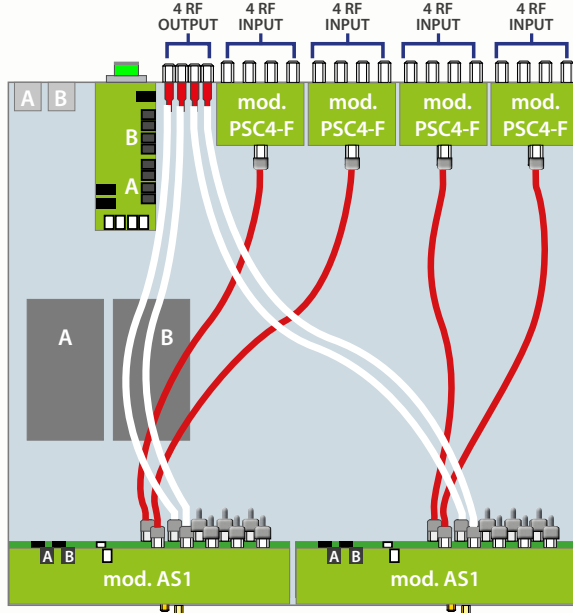
## 4 INPUTS 4+8+8+8 OUTPUTS



COMPLETE ORDERING CODE: mod. RAS1-4-4888-F75

# RF **COMBINER** ASSEMBLY EXAMPLES

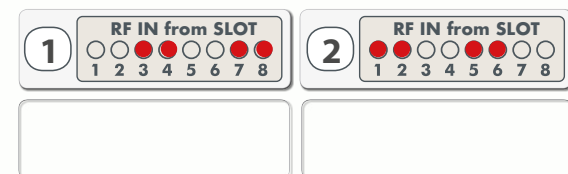
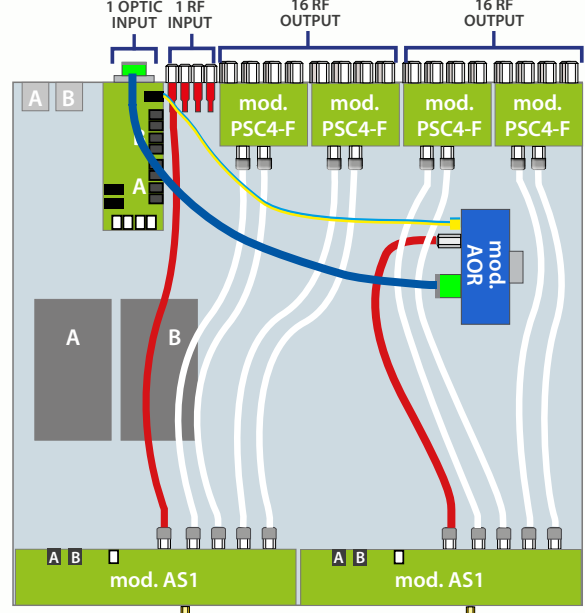
## 4+4+4+4 INPUTS 4 OUTPUTS



COMPLETE ORDERING CODE: mod. RAC1-4-4444-F75

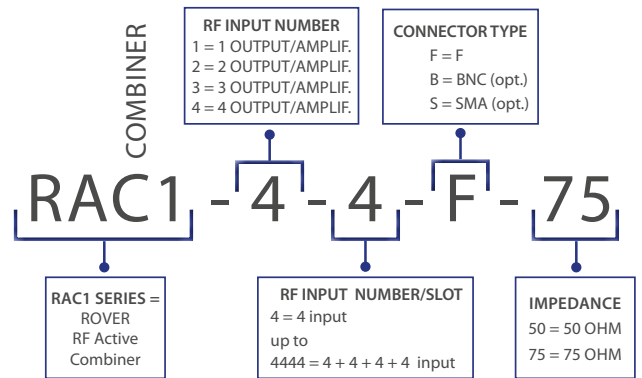
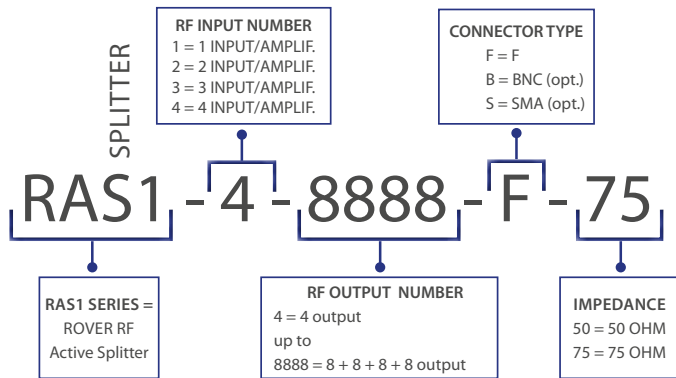
# MIXED: **OPTICAL & RF** (with OPTICAL RX)

## 1 OPTIC INPUT 16 RF OUTPUTS 1 RF INPUT 16 RF OUTPUTS



COMPLETE ORDERING CODE: mod. RAS1-0-1-16-F75

## COMPLETE MULTIPLE SPLITTER/COMBINER ORDERING CODE DEFINITION



### COMPLETE SYMMETRICAL SPLITTERS

| SYMMETRICAL ORDERING MOD. | RF INPUT /AMPLIF. N.     | RF OUTPUT NUMBERS | CONNECT. | IMPED. Ω |
|---------------------------|--------------------------|-------------------|----------|----------|
| RAS1-1-4-F75              | 1                        | 4                 | F        | 75       |
| RAS1-1-8-F75              | 1                        | 8                 | F        | 75       |
| RAS1-1-12-F75             | 1                        | 12                | F        | 75       |
| RAS1-1-16-F75             | 1                        | 16                | F        | 75       |
| RAS1-2-23-F75             | 1<br>(with 2 AMPLIFIERS) | 23                | F        | 75       |
| RAS1-2-31-F75             | 1<br>(with 2 AMPLIFIERS) | 31                | F        | 75       |
| RAS1-2-44-F75             | 2                        | 4 + 4             | F        | 75       |
| RAS1-2-88-F75             | 2                        | 8 + 8             | F        | 75       |
| RAS1-2-1212-F75           | 2                        | 12 + 12           | F        | 75       |
| RAS1-2-1616-F75           | 2                        | 16 + 16           | F        | 75       |
| RAS1-3-444-F75            | 3                        | 4 + 4 + 4         | F        | 75       |
| RAS1-3-888-F75            | 3                        | 8 + 8 + 8         | F        | 75       |
| RAS1-4-4444-F75           | 4                        | 4 + 4 + 4 + 4     | F        | 75       |
| RAS1-4-8888-F75           | 4                        | 8 + 8 + 8 + 8     | F        | 75       |

### COMPLETE ASYMMETRICAL SPLITTERS

| ASYMMETRICAL ORDERING MOD. | RF INPUT /AMPLIF. N. | RF OUTPUT NUMBERS | CONNECT. | IMPED. Ω |
|----------------------------|----------------------|-------------------|----------|----------|
| RAS1-2-48-F75              | 2                    | 4 + 8             | F        | 75       |
| RAS1-2-412-F75             | 2                    | 4 + 12            | F        | 75       |
| RAS1-2-416-F75             | 2                    | 4 + 16            | F        | 75       |
| RAS1-2-812-F75             | 2                    | 8 + 12            | F        | 75       |
| RAS1-2-816-F75             | 2                    | 8 + 16            | F        | 75       |
| RAS1-2-1216-F75            | 2                    | 12 + 16           | F        | 75       |
| RAS1-3-488-F75             | 3                    | 4 + 8 + 8         | F        | 75       |
| RAS1-3-4812-F75            | 3                    | 4 + 8 + 12        | F        | 75       |
| RAS1-3-4816-F75            | 3                    | 4 + 8 + 16        | F        | 75       |
| RAS1-3-41212-F75           | 3                    | 4 + 12 + 12       | F        | 75       |
| RAS1-3-41216-F75           | 3                    | 4 + 12 + 16       | F        | 75       |
| RAS1-4-4448-F75            | 3                    | 4 + 4 + 4 + 8     | F        | 75       |
| RAS1-4-44412-F75           | 4                    | 4 + 4 + 4 + 12    | F        | 75       |
| RAS1-4-44416-F75           | 4                    | 4 + 4 + 4 + 16    | F        | 75       |
| RAS1-4-44812-F75           | 4                    | 4 + 4 + 8 + 12    | F        | 75       |
| RAS1-4-44816-F75           | 4                    | 4 + 4 + 8 + 16    | F        | 75       |
| RAS1-4-4888-F75            | 4                    | 4 + 8 + 8 + 8     | F        | 75       |
| RAS1-4-48812-F75           | 4                    | 4 + 8 + 8 + 12    | F        | 75       |

### COMPLETE COMBINER ORDERING CODE COMBINATIONS

| COMBINER ORDERING MOD. | RF OUTPUT /AMPLIF. N. | RF INPUT NUMBERS | CONNECT. | IMPED. Ω | COMBINER ORDERING MOD. | RF OUTPUT /AMPLIF. N. | RF INPUT NUMBERS | CONNECT. | IMPED. Ω |
|------------------------|-----------------------|------------------|----------|----------|------------------------|-----------------------|------------------|----------|----------|
| RAC1-1-4-F75           | 1                     | 4                | F        | 75       | RAC1-3-444-F75         | 3                     | 4 + 4 + 4        | F        | 75       |
| RAC1-2-44-F75          | 2                     | 4 + 4            | F        | 75       | RAC1-4-4444-F75        | 4                     | 4 + 4 + 4 + 4    | F        | 75       |

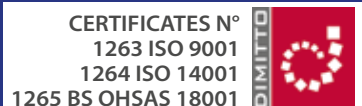
### SINGLE PARTS ORDERING CODE DEFINITION

- mod. RAS 1 chassis:** 19" 1 U Rack chassis contains: 2 PSU, Dry Contact Alarm board (compatible also with AC1 combiner)
- mod. AS 1:** Swappable Plug-in RF input Amplifier contain: full LNB Control, RF Input Monitor Port, RF Power Sensor, RF Input Attenuator, RF & PSU Alarm, 4 way Active Splitter and LED indicator and Alarms
- mod. AC 1:** Swappable Plug-in RF input Amplifier contain: full LNB Control, RF Input Monitor Port, RF Power Sensor, RF Input Attenuator, RF & PSU Alarm, 4 way Active Splitter and LED indicator and Alarms
- mod. CL-RAS:** Blank closure cap for front panel
- mod. PSC4-F75:** 4 way Passive Splitter or Combiner, with "F" connector, 10 MHz & DC PASS
- mod. C2-F-MM-60:** 60 cm Interconnection Coax Cable with 2 F Male connectors (WHITE marked)
- mod. C2-F-MF-60:** 60 cm Interconnection Coax Cable with 1 F Male and 1 F Female connectors (RED marked)
- mod. J-PSC-60:** 60 cm Interconnection jack Power Supply Cable
- mod. W-AC-60:** 60 cm Interconnection wire for Alarms
- mod. AOR-STC-75:** High Dinamic Range Optical Receiver with Optical AGC and 70 dBμV (- 38 dBm) Output

V.7f 16-5-18



Product  
made in Italy by  
Rover Broadcast.com



Specifications and features are subject to change without notice.

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