

Active 4-Way Splitter/ combiner

SCMPS23001FF10-RM (Rev.01)

Features

- ◆ Active 4-way combiner for Tx and Active 4-way splitter for Rx
- ◆ Switchable internal/external 10MHz reference

Application

- ◆ Satellite communication



Specifications

Type	4-way active splitter/Combiner in the same 2RU rack mount housing
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Transmit

Input Frequency range	950-1750 MHz
Gain from port (1/2/3/4) to combined port	(+2 ± 1.5) dB
Connector type	F type (female)
Connector access	Rear panel
External cable type used	RG6

Multiplexed Signals in Combined Transmit port

BUC power	+24 V DC ± 0.5 V, 3A with facility to switch on and OFF thru rear panel switch
Reference signal	Internal 10 MHz with facility to ON/OFF thru rear panel switch, output level 0 dBm
Reference signal	Have facility to provide external reference. When external reference is provided the internal reference can be OFF.
Internal 10 MHz stability	Of the order 1 exp 10-08.

Receive



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Input Frequency range from modem	950-1750 MHz
Gain from port Combined port to 1/2/3/4 receive ports	(+2 ± 1.5) dB
Connector type	F type (female)
Connector access	Rear panel
External cable type used	RG6

Multiplexed Signals in Input Receive port

LNB power	+15 V DC ± 0.5 V 0.5A with facility to switch on and OFF thru rear panel switch
Operating voltage	230 V AC ± 5 % 50 Hz (Thru rear panel) three pin plug
Front panel	Power ON lamp
Mechanical	Standard 19 inch rack mount 2U housing, depth 250mm

