

MiniHub HFC Video Distribution

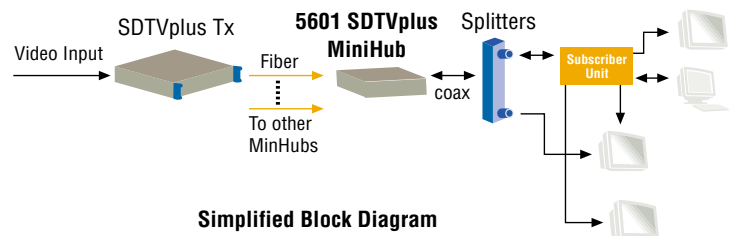


- High Output Power
- Ideal for Combined DBS, HDTV, and CATV Distribution
- Flexibility in System Design
- Serve up to 30 units with a Single MiniHub

Foxcom's SDTVplus MiniHub Receiver provides a fully integrated hybrid fiber-coax solution in MDUs. Working in conjunction with a SDTVplus 1310/1550 nm Transmitter, the MiniHub is a simple to install and easy to operate video distribution system.

The MiniHub converts the incoming optical signal, sent from the SDTVplus Transmitter, to RF and then distributes the signal to each living unit. The MiniHub's high output power allows for up to 30 subscribers to connect to a single MiniHub.

The SDTVplus MiniHub Receiver is a full and cost effective MDU solution for garden style living, high rise apartments, stadiums, hotels, or office parks; anywhere a high-density solution is required.



Simplified Block Diagram

MiniHub

product number 5601

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MiniHub Specifications

Optical Input			
Optical Input Power	-4 to +1 dBm		
CATV Output			
Frequency Range	54 - 862 MHz		
Output Power (dBuV/Ch.)	@54 MHz	@862 MHz	
@ 60 Channels	+40	+43	
Performance using: (@ 3.6% OMI)	CNR	CSO	CTB
SDTV 1310/1550 nm Tx	52 dB ¹	60 dB	62 dB
Uptilt	+3 dB		
DBS Output			
Frequency Range	950 - 3000 MHz		
Output Power / Transponder	@ 950 MHz	@ 2.9 GHz	
	-3 dB	+1 dB	
Uptilt	+3 dB		
General Specifications			
Optical Input [Return path output] Connector	SC/APC (FC/APC optional)		
Fiber Type	Single Mode, Fusion Splice Only		
RF Output Connector	F/female		
Gain Control	AGC (MGC optional)		
Power Requirements	12.5 VDC±0.5 V @ 2.0 A (max.) / 60 - 90 / 100 - 260 VAC		
Power Connector	Single Mini DIN Connector		
Operating Temperature	-20° C to +60° C		
Storage Temperature	-40° to +85° C		
Relative Humidity	Up to 95% (non- condensing)		
Physical Dimensions W x H x D in. (cm.)	5.0" x 9.5" x 2.1" (12.7 x 24.1 x 5.3)		
Weight lbs. (Kg.)	3 (1.4)		

¹ 0 dBm optical input

MiniHub Ordering Code
Model Number: 5601-(C)-(G)-(W)

Options:

C | Optical Connectors:
SC SC/APC optical connector
FC FC/APC optical connector

G | Gain Control
A Automatic Gain Control
M Manual Gain Control

W | Internal WDM
I W Internal 1310 + 1550 WDM

FOXCOM
Complete RF-2-Fiber Solutions

Foxcom Inc.
Princeton Forrestal Village
136 Main Street, Suite 300
USA
Tel: 609-514-1800
Toll Free: 1-866-ONEPATH
Fax: 609-514-1881

Foxcom Ltd.
Beck Science Center
8 Hartom Street, Har-Hotzvim
P.O. Box 45092, Jerusalem 91450
Israel
Tel: +972-2-589-9888
Fax: +972-2-589-9898

E-mail: sales@foxcom.com

Website: www.foxcom.com