

## SERVIS Cat5 Extender series

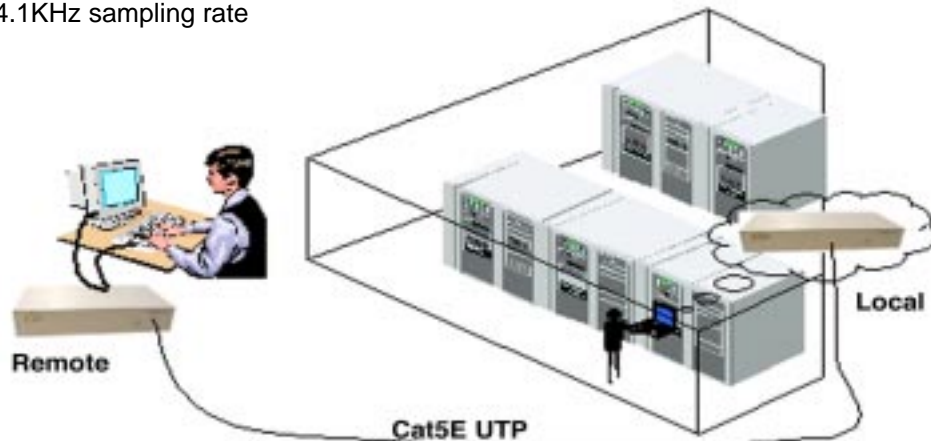
### Cat5 Extender Unit - NC14003-B713



Fujitsu Components' Cat5 Extender DA enables the user to operate the computer, its console (keyboard, mouse, and monitor), and audio port at intervals, up to a distance of 200m. This unit also comes with a RGB color quality adjustment circuit.

#### ■ FEATURES

- Operate computer and console/audio remotely, up to 200m at XGA.
- Remote control system uses popular Cat5E UTP cable to provide the bandwidth for high quality video and audio.
- Supports high display resolution: XGA, SXGA, and UXGA.
- Superior display: RGB color quality adjustment circuits are installed within unit.
- The unit supports various input device interfaces for computer : PS/2, USB, and SUN I/O
- The unit supports 2 input device interfaces for console : PS/2 and SUN I/O
- It is possible to control multiple servers remotely, with the combination of Fujitsu's KVM series.
- Superior Stereo Sound Control:
  - Stereo audio is digitized to achieve clear sound transmission
  - Audio bandwidth up to 20KHz
  - 16-bit digital audio converter provides CD quality sound remotely using 44.1KHz sampling rate



# Cat5 Extender

## ■ SPECIFICATIONS

Model			Servis™ Cat5 Extender DA	
Part Number			NC14004-B713 *	
Unit			Local Extender (Transmitter)	Remote Extender (Receiver)
LED Display	Power (green)		1	1
Console		Keyboard	PS/2 interface: Mini-Din 6pin, Female x1	
			Sun I/O interface: Mini-Din 8-pin, Female x1	
		Mouse	PS/2 interface: Mini-Din 6pin, Female x1	
		Audio	Stereo mini Jack: Audio Line out x1	Stereo mini Jack: Audio Line out x1 *
Server / PC port	Interface for Server/PC side	Keyboard Interface	PS/2, USB, Sun-USB, Sun I/O	-
		Mouse Interface	PS/2, USB, Sun-USB, Sun I/O	-
		Monitor	Analog RGB	-
		Audio	Audio line out	-
	Connector for Unit side	Keyboard/Mouse/Monitor	Mini D-SUB 15 Pin female	-
		Audio	Stereo mini Jack: Audio Line out x1	-
Monitor	Resolution, refresh rate		1600 x 1200 (max.), 75Hz	
	Signal supported		Separate Sync	
Connection between Transmitter and Receiver Units	Data Transmission		Fujitsu Components Limited unique data transmission	
	Console Port		RJ45 (Cat5) 8 Line x1	
	Audio Port		RJ45 (Cat5) 8 Line x1	
	Cable		Cat5E UTP cable	
	Distance (by monitor resolution)	UXGA:1600 x 1200	30-50m	
		SGXA: 1280 x 1024	30-150m	
		XGA: 1024x 768	30-200m	
Power Supply / Power Consumption			5VDC / 0.7A (DC) max.	5VDC / 0.8A (DC) max.
Operating Environment Temperature/Humidity			0 to 40° C, 10 to 80RH (must be free of condensation)	
Storage Temperature			-20 to 60° C	
Composition			Painted (ivory) metal case	
Size (W x D x H)			220 x 120 x 42 mm	220 x 127 x 42 mm
Included accessories			2 Adapters x (AC power cable not included, must be purchased separately for specific country support) 1 User manual / 4 Masking stickers / 4 Rubber feet / 2 Cable clamp / 1 Adjustment stylus / 2 Ferrite core	
Agency Approval			C-UL, FCC Class A, CE	

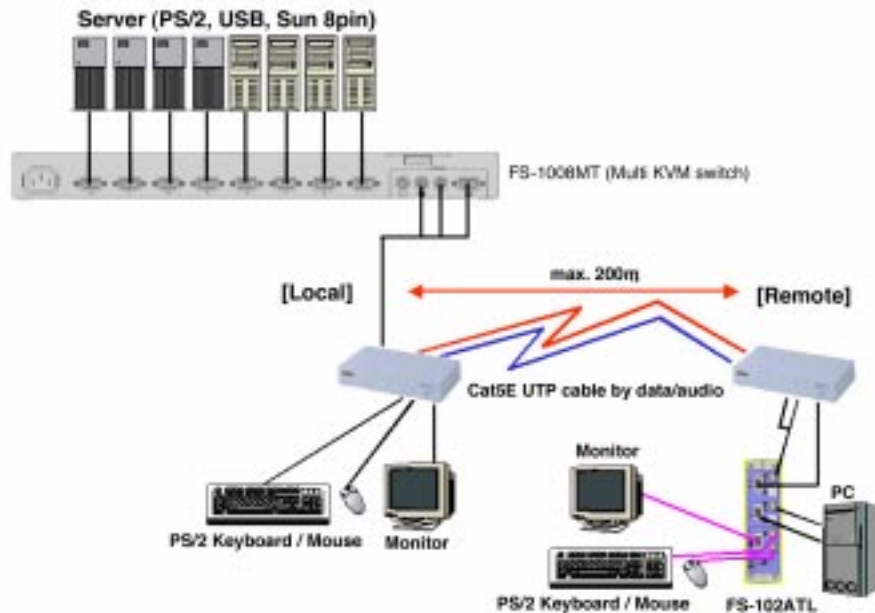
\*Please contact our sales office for special model with XLR connectors.

Note: Terminology in documentation may vary slightly as below:  
 Local Extender/ Extender-T = Transmitter  
 Remote Extender / Extender-R = Receiver

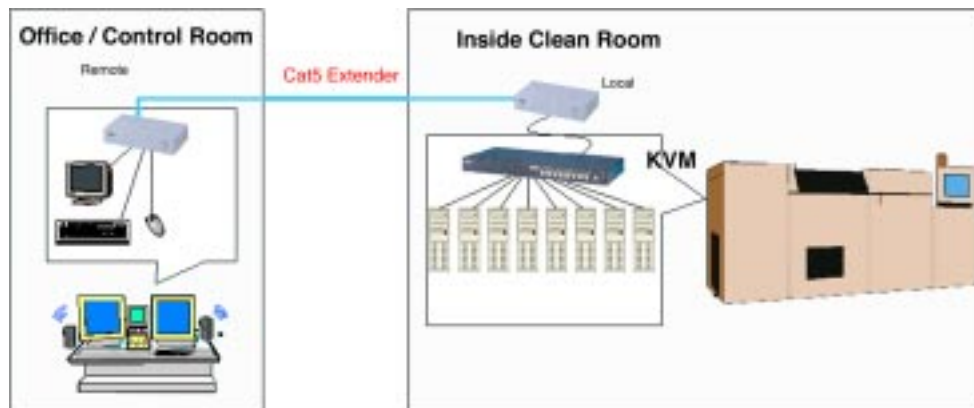
## ■ OPTIONAL ACCESSORIES

Item		Part Number	Remark
Optional AC power cables		NC14004-B077	US Version
Optional Interface cables	PS/2	NC14000-B002/ NC14000-B602	1.8m cable
		NC14000-B003/ NC14000-B603	3.0m cable
		NC14000-B005/ NC14000-B605	5.0m cable
	USB cable (effective both USB: PC /Sun)	NC14000-B102	1.8m cable
		NC14000-B103	3.0m cable
		NC14000-B105	5.0m cable
	IBM x330, x335 series	NC14000-B502	1.0m cable
		NC14000-B503	3.0m cable
Cat5E UTP cables	Optional Cat5 Extender remote cables	NC14000-B703	Cat5E UTP cable 30m
		NC14000-B705	Cat5E UTP cable 50m
		NC14000-B710	Cat5E UTP cable 100m
		NC14000-B715	Cat5E UTP cable 150m
		NC14000-B720	Cat5E UTP cable 200m
Optional Audio cable		NC14004-B722	1.8m stereo audio mini-jack
Optional Rack Mount Panel		NC14004-B323	Cat5 Extender Mount Kit

## ■ EXAMPLES FOR CONNECTION



## ■ EXAMPLES FOR APPLICATION



### Fujitsu Components International Headquarter Offices

#### Japan

Fujitsu Component Limited  
Gotanda-Chuo Building  
3-5, Higashigotanda 2-chome, Shinagawa-ku  
Tokyo 141, Japan  
Tel: (81-3) 5449-7010  
Fax: (81-3) 5449-2626  
Email: [promothq@ft.ed.fujitsu.com](mailto:promothq@ft.ed.fujitsu.com)  
Web: [www.fcl.fujitsu.com](http://www.fcl.fujitsu.com)

#### North and South America

Fujitsu Components America, Inc.  
250 E. Caribbean Drive  
Sunnyvale, CA 94089 U.S.A.  
Tel: (1-408) 745-4900  
Fax: (1-408) 745-4970  
Email: [marcom@fcai.fujitsu.com](mailto:marcom@fcai.fujitsu.com)  
Web: [www.fcai.fujitsu.com](http://www.fcai.fujitsu.com)

#### Europe

Fujitsu Components Europe B.V.  
Diamantlaan 25  
2132 WV Hoofddorp  
Netherlands  
Tel: (31-23) 5560910  
Fax: (31-23) 5560950  
Email: [info@fceu.fujitsu.com](mailto:info@fceu.fujitsu.com)  
Web: [www.fceu.fujitsu.com](http://www.fceu.fujitsu.com)

#### Asia Pacific

Fujitsu Components Asia Ltd.  
102E Pasir Panjang Road  
#04-01 Citilink Warehouse Complex  
Singapore 118529  
Tel: (65) 6375-8560  
Fax: (65) 6273-3021  
Email: [fcal@fcal.fujitsu.com](mailto:fcal@fcal.fujitsu.com)  
[www.fcal.fujitsu.com](http://www.fcal.fujitsu.com)