

High Flex IEEE-1394b Cable

ACC-01-2012



POINT GREY
RESEARCH

- Round 4.5m IEEE-1394b cable assembly
- Reliable, high performance flex life
- 3 million flex cycles, 30mm bend radius
- Locking 9-pin connectors

The FirePRO™ high flex IEEE-1394b cable assembly, manufactured by Oki Electric Cable (<http://www.okidensen.co.jp/>), is an ideal solution for moving vision systems that require reliable, high performance flex life and signal transmission. Key benefits include:

- Minimizes data loss and signal integrity problems
- Locking connectors guarantee secure connection
- Prevents system downtime due to cable replacement
- Maintains stable signal attenuation over the flex life



Part Number
ACC-01-2012

 FIREPRO™

GENERAL SPECIFICATIONS

Length	4.5m ± 0.1m
Connectors	Two 9-pin with locking screws
Transfer Rates	100, 200, 400 and 800 Mb/s
Flex Cycles	3,000,000
Bend Radius	30mm
Size	AWG28 signal wire
Material	Heat-proof PVC
Diameter (outside)	8.0mm
Color	Black
Compliance	RoHS, FCC, CE
Warranty	2 years

OPERATING CONDITIONS

Indoor Use Only

Temperature	-5°C~+45°C
Humidity	20~85% RH
Voltage (max)	30V
Current (max)	1.5A

COMPATIBILITY

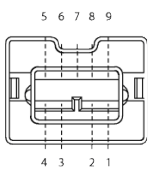
- All Point Grey IEEE-1394b camera products
- All Point Grey FirePRO™ products
- Compliant with IEEE-1394b (2002)

SAMPLE CONFIGURATION

- FirePRO IEEE-1394b PCI Express card (FWB-PCIE) connected to internal PC power
- FirePRO high flex 4.5m 1394b cable (ACC-01-2012)
- Grasshopper 5.0MP 15 FPS 1394b camera (GRAS-50S5)
- All components connected using locking screws



CONNECTOR PIN CONFIGURATION

	1	Twisted Pair B-
	2	Twisted Pair B+
	3	Twisted Pair A-
	4	Twisted Pair A+
	5	Twisted Pair A (Ref GND)
	6	Power (GND)
	7	Status Contact (Reserved)
	8	Power (Voltage)
	9	Twisted Pair B (Ref GND)

