For reliable measurement system

High-Speed GP-IB Extender

ZS-6103EG SERIES

ZS-6103EG extends the GP-IB bus. The transmission distance can be made longer than the GP-IB cable by using the optical fiber cable, and GP-IB equipment is expandable.
Furthermore, since the optical transmission line is insulated from the internal circuit including the GP-IB, it is reinforced against external noise.
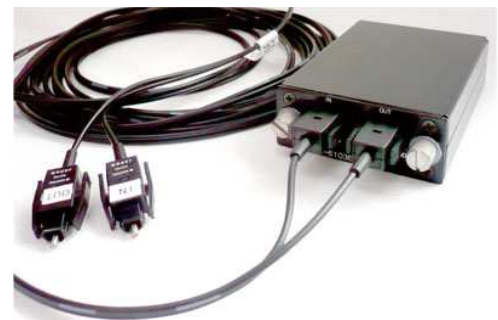*You can read measured data from the anechoic chamber via optical fiber cable.*

ZS-6103EG-F5 Back View

ZS-6103EG Serires

Optical fiber cable (optional)

* *Compact (50x100x24mm) and high performance*

* *Extend transmission distance(F1: 3km, F5: 1km)*

* *Support various systems by tandem connection*

* *Don't need GP-IB connection cable for ZS-6103EG*

* *Compliant with RoHS*

* *Enhance the measure against noise of the GP-IB system*

Related items

GP-IB adapter
ZS-6120CP : Convert the I/O (up to64-bit parallel) to GP-IB
ZS-6122BP : Input 64-bit, Output 16-bit
ZS-6123AP : Expandable GP-IB byte serial I/O

Interface converter
ZS-6143AF : Control GP-IB device from RS-232C
ZS-6144AF : Control RS-232C device from GP-IB
ZS-6170AF : Convert USB interface to GP-IB
ZS-6180AF : Communicate with GP-IB and control it using the EtherNet
GP-IB cable
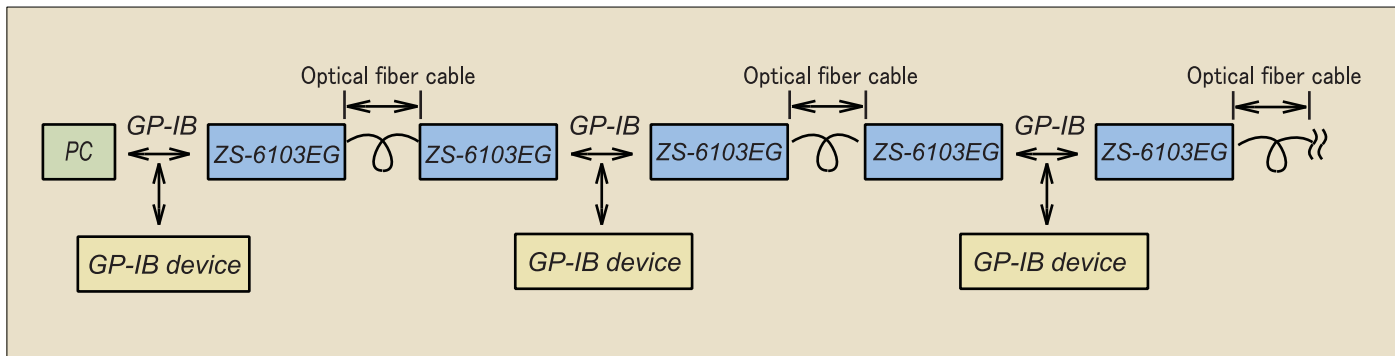*ZS-GPIB-xx : Specify the length (m) to"xx"*

High speed GP-IB extender
ZS-6103EG-F1
ZS-6103EG-F5

Features

- Compliant with IEEE-488-1978
- Fully bidirectional and transparent on the system.
  Application software currently in use can be utilized as it is.
- Tandem connection is available between different floors.
- Protect the system precision measuring instruments from the

Usage example in tandem connection

Common Specification

■GP-IB Specification
Compliance   IEEE-488-1978std
Support   All function excluding the parallel
              port function

■General Specification
Size   50(W)x100(D)x24(H)mm
Power supply jack
              MJ-17 is used
              4.4x1.65φmm center plus
Weight   500g or less
Environmental condition
              Temperature 0 to 40 °
              Humidity 10 to 85%RH

Please download the User's manual from our website.
http://www.zenisu.co.jp/

Option

■ AC adapter GF12-US0520 Input: AC100 to 240V
                              Output: DC +5V 2A
■ Optical fiber cable
   F1 Optical fiber cable Max 3Km
   F5 Optical fiber cable Max 1Km

	F1	F5
Inside rack	ZS-F1NR-xxx	ZS-F5NR-xxx
Indoor use	ZS-F1ND-xxx	ZS-F5ND-xxx
Outdoor use	ZS-F1ET-xxx	ZS-F5ET-xxx

"xxx" part is the length specification as a meter
The connection cable between devices and
the AC adapter are optional.

Note)
Since reinforcing steel wire is not used for "Inside rack", please use
it in a place that pressure and tension are not applied to the cable.

specification

Model	ZS-6103EG-F1	ZS-6103EG-F5
Abbreviated Name	FC	F5
Connector	JIS F01	JIS F05
Cable	GI 50 / 125	HPCF 200 / 230
Cable type (Inside rack)	ZS-F1NR-xxx	ZS-F5NR-xxx
Cable type (Indoor use)	ZS-F1ND-xxx	ZS-F5ND-xxx
Cable type (Outdoor use)	ZS-F1ET-xxx	ZS-F5ET-xxx
Communication speed	MAX 125Kbytes / s	MAX 250Kbytes / s
Transmission distance	MAX 3Km	MAX 1Km
Power	DC +5V 400mA or less	DC +5V 400mA or less
Feature	Long transmission distance	Low price

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*Specifications and appearance are subject to change
without notice due to continual improvements.*