



RoHS
Compliant

Description

This device is an extension cable between USB device and host (computer) with embedded into connector “intelligent” integrated circuits on both sides of the cable. The USB cable with the chip inside is not a passive extension cable. It is an active device. The USB signals going in and out of this extension cable in both directions are buffered to assure signal quality. Unlike passive USB cables the IC prevents signal degradation. The embedded “intelligent” integrated circuit cleans, amplifies USB signal and watches USB 2.0 protocol. Its Control State Machine enables and disables USB and Cable transmitters inside the chip depending on USB signals

Features

- Compliant with USB 2.0 specification
- Provide support for any high-speed (480 Mb/s) or low-speed (1.5 Mb/s) USB device
- Some low power low-speed USB devices can work with cable up 5 meters
- Embedded USB 2.0 Transceivers prevents signal loss
- Downstream connector: Female, Type “A”, USB Approved Connector
- Upstream connector: Male, Type “A”, USB Approved Connect

Specifications

Input interface	USB Male
Output interface	Micro USB Male
Frequency	12Mbps
Size (L×W×H)	60mm×29mm×27mm
Operating Temperature	0°C to +70°C
Operating Humidity	10% to 85 % RH (no condensation)
Storage Temperature	-10°C to +80°C
Storage Humidity	5% to 95 % RH (no condensation)
Converter Unit	FCC, CE
Warranty	12 months

Part Number Table

Description	Part Number
USB Extender by USB cable	PSG91608

Important Notice : This data sheet and its contents (the “Information”) belong to the members of the AVNET group of companies (the “Group”) or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group’s liability for death or personal injury resulting from its negligence. pro-SIGNAL is the registered trademark of Premier Farnell Limited 2019.