

USB (Universal Serial Bus) Cable Assemblies and Connectors



USB Type B

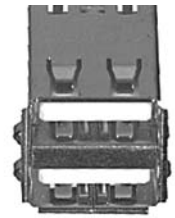
USB Type A



USB Type A
PCB Mount Single Stack
USB-4200A-FB (Black)
USB-4200A-FB (White)



USB Type B
PCB Mount
USB-4200B-FB (Black)
USB-4200B-FB (White)



USB Type A
PCB Mount Double Stack
USB-4210A-FB (Black)
USB-4210A-FB (White)

Universal Serial Bus (USB) connectors provide flexibility to personal computers, notebook computers and most peripheral devices, especially those using serial, parallel, keyboard, mice or game ports.

They were developed through the co-operative efforts of more than 450 leading manufacturers of personal computers, peripherals and software.

USB Features

- **“Plug and Play” Instant PC expansion**—with USB compliant PCs and peripherals, you simply plug them in and turn them on. The whole process is automatic. You do not need to open your PC case, or worry about add-in cards.
- **“Hot-Swapping” capabilities**—you need not shut down and restart your PC to attach or remove a peripheral. Simply plug it in and go. Your PC automatically detects the peripheral and configures the necessary software, a special boon to business and notebook PC users who want to share peripherals.
- **Computer/Telephony integration**—ISDN or PBX
- **Port Consolidation**—USB replaces all serial and parallel port connectors with one standardized plug and port combination.
- Units permit **transfer rates up to 12 Mb/s** and **support up to 127** devices.
- **Isynchronous and Asynchronous data transfer**—built-in power distribution for low power devices.
- **USB connections allow data flow both ways between the PC and the peripheral**—Your PC can be used to control peripherals in new and creative ways.
- Products meet **PC98 / PC99** requirements.
- **Built in ISO 9001 Certified facilities.**
- USB cables fully rated.
- Straight and right-angle plugs are available, separately and in cable assemblies.

Electrical Specifications

Voltage—30 V AC

Current—1A maximum per contact not to exceed +30° C temperature rise

Terminator Resistance—30mΩ maximum

Insulation Resistance—100MΩ minimum

Dielectric Withstanding Voltage—750V AC at sea level



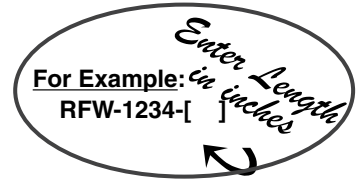
A Division of RF Industries

7610 Miramar Road, San Diego, CA 92126 • (858)549-6340 • (800) 233-1728
fax: (858)549-6345 • email: rfcables@rfindustries.com • web: www.rfcables.com

USB (Universal Serial Bus) Cable Assemblies and Connectors

ORDER INSTRUCTIONS

1. Choose your part number.
2. Fill in blank [] with your desired length in inches.



Custom Assemblies—We will assemble ANY manufacturer's connector to ANY cable length.

USB Cable Assembly

Type A to Type A, Off White



Part Number	Length in Meters
RFW-4000-1MW	1 m
RFW-4000-2MW	2 m
RFW-4000-3MW	3 m
RFW-4000-5MW	5 m

Type A to Type B, Off White



Part Number	Length in Meters
RFW-4010-1MW	1 m
RFW-4010-2MW	2 m
RFW-4010-3MW	3 m
RFW-4010-5MW	5 m

Type B to Type B, Off White



Part Number	Length in Meters
RFW-4020-1MW	1 m
RFW-4020-2MW	2 m
RFW-4020-3MW	3 m
RFW-4020-5MW	5 m

USB-4000 Series

USB Type A Single



Female Right Angle PCB Mount

USB-4200A-FB (Black)
USB-4200A-FW (White)

USB Type B Single



Female Right Angle PCB Mount

USB-4200B-FB (Black)
USB-4200B-FW (White)

USB Type B Double



Female Right Angle PCB Mount

USB-4210A-FB (Black)
USB-4210A-FW (White)