



A close-up photograph of a DrayTek SFP Direct Attach Cable. The cable has a black outer jacket and a silver-colored metal SFP module at one end. The module is labeled with 'DrayTek P/N:FP-10GSFPCU-3M', 'Model: 10G SFP+ DAC 3M', and 'S/N: 21CFR(J)CLASS1'. It also features RoHS and CE marks. The other end of the cable is a standard RJ-45 Ethernet connector with a green plastic insert.

DrayTek SFP Direct Attach Cable

1GbE & 10GbE SFP+ Direct Attach Cable

Product Overview

The DAC-CX10 cable is a cost effective interlink cable between switches, routers, servers and storage devices and supports speeds up to 10Gb/s. DrayTek DAC-CX10 SFP cables connect directly to the SFP module port of the devices, such as any DrayTek switch or router which has an SFP or SFP+ port.

A "Direct Attach Cable" or "DAC" connects SFP module ports on two devices similarly to an RJ-45 network cable, instead of using SFP to optical fibre transceivers, or SFP to RJ-45 transceivers. This significantly simplifies the connection process and reduces cost, while still ensuring reliable operation. For instance, if both devices support 10 Gigabit transfer rates through SFP+, instead of using two SFP+ Fibre transceivers and optical fibre, simply connect the DAC-CX10-01M cable between the two for an up to 10Gb/s link. The DAC-CX10 is one piece - there are no removable RJ-45 or fibre cables to be concerned with.

The DAC-CX10 support up to 10Gb/s - limited according to the speed supported by the connected devices; for example if one device only supports 1Gb/s, that is the maximum link speed available. If you are connecting between two devices whose SFP ports support 10Gb/s, the bandwidth is significantly higher than if you were to use the regular RJ-45 Ethernet/CAT6 ports - such speed is particularly important in high volume applications such as server or storage device to switch/network.

If both connected devices support 'port trunking' you can use two DAC-CX10 cables to increase bandwidth even further, but equally, even on a 1Gb/s SFP port, these cables can be useful to make use of all ports without tying up an RJ-45 port that you need for other purposes.

The DAC-CX10 module locks securely into place when fitted into a switch to avoid unintended removal and removed by pulling the tab to unlock it from the SFP module slot.

The DAC-CX10 is available in 3M and 1M cable lengths.



Key Specification

- DrayTek DAC-CX10
- SFP & SFP+ Direct Attach Cable
- Self-Locking on insertion for reliable installation
- Pull-Tab for easy removal
- 1GbE & 10GbE Capable
- Available in 1 & 3 Metre Cable Lengths
- Ideal for high bandwidth applications (e.g. server to switch)

Full Specifications

Specifications:

- Hot-pluggable
- Standard SFP / SFP+ Form Factor
- Compatible with SFP+ MSA specifications
- Compatible with SFF-8431 & SFF8432 specifications
- Power Consumption: Up to 0.2 Watts
- Operating Voltage: 3.3 Volts (supplied by connected devices)
- Operating Temperature Range: 0 ° to 70 ° C
- Operating Humidity: 0 to 85% RH (non-condensing)
- Storage Temperature: -40 ° to 85 ° C

Data Rates:

- 1Gb/s
- 10Gb/s
- Transfer speeds are dependant on devices being linked i.e. both must support 10Gbps SFP+ for 10Gbps operation

Cable Lengths Available:

- 1 Metre
- 3 Metres

Compatible with:

- Vigor 2952
- Vigor 2962
- Vigor 3900
- Vigor 3910
- VigorSwitch G1280
- VigorSwitch G2100
- VigorSwitch G2280
- VigorSwitch G2280x
- VigorSwitch G2500
- VigorSwitch G2540x
- VigorSwitch P1092
- VigorSwitch P1100
- VigorSwitch P1280
- VigorSwitch P2100
- VigorSwitch P2121
- VigorSwitch P2261
- VigorSwitch P2280
- VigorSwitch P2280x
- VigorSwitch P2500
- VigorSwitch P2540x



DrayTek SFP Direct Attach Cable Models

UK Product Code	EAN	Description
DCX101	4712909128759	DAC-CX10 SFP Direct Attach Cable - 1M Length
DCX103	4712909128766	DAC-CX10 SFP Direct Attach Cable - 3M Length