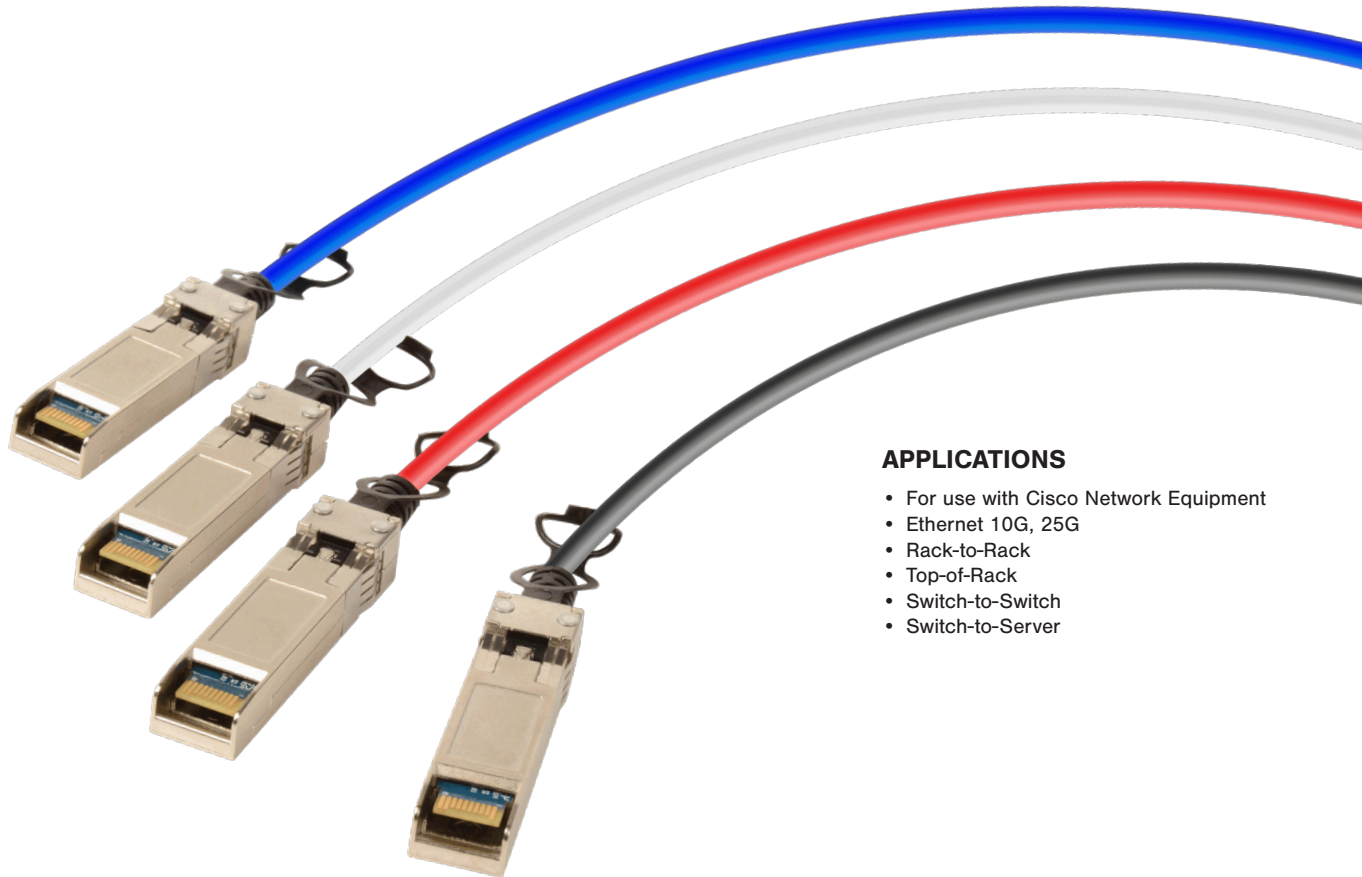


# Direct Attach Passive Copper Cable

## SFP28 Cisco Compatible 25G

Siemon's Cisco Compatible SFPG High-Speed Direct-Attach Copper (DAC) passive cables offer an efficient cabling option to meet rack design requirements today and with future equipment upgrades. These forward compatible cables are designed for use with 10G SFP+ Cisco equipment without generating warning messages, and allow migration to 25G SFP28 equipment without the need to replace cabling.

Our DACs offer dual-rated CM/LSOH jackets for global compatibility and are available in lengths ranging from 0.5m to 5m with half meter options. The fully-shielded, passive assemblies combine twin-axial cable configuration with robust die-cast housings for enhanced support of high frequency data rates and are impedance matched to ensure interoperability and minimize EMI leakage. They are a cost-effective, low-power alternative to fiber-based solutions for short reach requirements supporting data transfer rates up to 25G, meeting or exceeding current network standards.



### APPLICATIONS

- For use with Cisco Network Equipment
- Ethernet 10G, 25G
- Rack-to-Rack
- Top-of-Rack
- Switch-to-Switch
- Switch-to-Server

BLACK	WHITE	RED	BLUE	LENGTH	GAUGE
SFPG-P-D00.5B01	SFPG-P-D00.5B02	SFPG-P-D00.5B03	SFPG-P-D00.5B06	0.5m (1.64 ft.)	30AWG
SFPG-P-D01.0B01	SFPG-P-D01.0B02	SFPG-P-D01.0B03	SFPG-P-D01.0B06	1m (3.28 ft.)	30AWG
SFPG-P-D01.5B01	SFPG-P-D01.5B02	SFPG-P-D01.5B03	SFPG-P-D01.5B06	1.5m (4.92 ft.)	30AWG
SFPG-P-D02.0B01	SFPG-P-D02.0B02	SFPG-P-D02.0B03	SFPG-P-D02.0B06	2m (6.56 ft.)	30AWG
SFPG-P-B02.5B01	SFPG-P-B02.5B02	SFPG-P-B02.5B03	SFPG-P-B02.5B06	2.5m (8.20 ft.)	26AWG
SFPG-P-B03.0B01	SFPG-P-B03.0B02	SFPG-P-B03.0B03	SFPG-P-B03.0B06	3m (9.84 ft.)	26AWG
SFPG-P-B04.0B01	SFPG-P-B04.0B02	SFPG-P-B04.0B03	SFPG-P-B04.0B06	4m (13.12 ft.)	26AWG
SFPG-P-B05.0B01	SFPG-P-B05.0B02	SFPG-P-B05.0B03	SFPG-P-B05.0B06	5m (16.40 ft.)	26AWG

# Product Information

## GENERAL

<b>Operating Temperature</b>	-10°C to 70°C (14°F to 158°F)
<b>Flammability Rating</b>	UL CL2 FT4
<b>Shield</b>	Braid/Foil

## MECHANICAL SPECIFICATIONS

<b>Conductor</b>	Tinner Copper
<b>Wire Gauge</b>	30AWG or 26AWG
<b>Impedance</b>	100 ± 10 ohms
<b>Construction</b>	Twinmax
<b>Cable OD</b>	30AWG = 4.5mm (.177 in.) 26AWG = 5.2mm (.204 in.)
<b>Jacket Type</b>	CL2/LS0H
<b>Bend Radius</b>	30AWG = 22.5mm (.885 in.) 26AWG = 26mm (1.023 in.)
<b>Channels</b>	1 Lane - Bidirectional

## ELECTRICAL SPECIFICATIONS

<b>Min. Electrical Withstand Voltage</b>	400VDC
<b>Insulation Resistance</b>	1000 Mohms
<b>Current Rating</b>	0.5 Amp/Signal Contact
<b>Power Consumption</b>	600mw Max.

## STANDARDS COMPLIANCE

<b>Electrical</b>	SFF-8419
<b>Mechanical</b>	SFF-8432
<b>EEPROM</b>	SFF-8472
<b>RoHS</b>	Compliant

### Color Coded Cable Clips

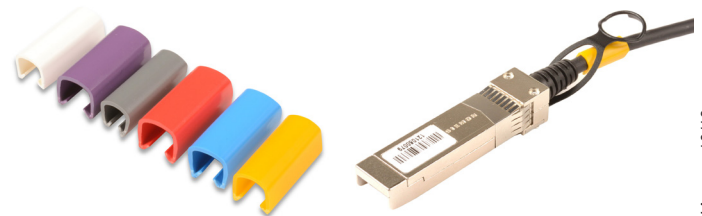
Our color-coded cable clips are designed to be highly visible, have a secure fit, and are easily field attachable to SFP cables. With 8 available colors to choose from, these color-coded cable clips provide Data Center Administrators the ability to customize cable to clearly differentiate and identify various networks.

Part Number	Description
-------------	-------------

CLIP-CBL-50-XX)....	Color-coded cable clip, 30 AWG, bag of 25 clips
CLIP-CBL-62-XX)....	Color-coded cable clip, 26 AWG, bag of 25 clips

Use (XX) to specify color:

02 = White, 03 = Red, 04 = Grey, 05 = Yellow, 06 = Blue, 07 = Green, 08 = Violet, 09 = Orange



Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

<b>North America</b> P: (1) 860 945 4200	<b>Asia Pacific</b> P: (61) 2 8977 7500	<b>Latin America</b> P: (571) 657 1950/51/52	<b>Europe</b> P: (44) 0 1932 571771	<b>China</b> P: (86) 215385 0303	<b>India Middle East</b> P: (971) 4 3689743
---	--	---	--	-------------------------------------	--

**Siemon Interconnect Solutions**  
P: (1) 860 945 4213  
www.siemon.com/SIS

WWW.SIEMON.COM

