

# Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

## SSFPP-P0002F Cable Assemblies - SFP+ Passive



For more Information  
please call

1-800-Belden1



### General Description:

SFP+ Passive Cable Assembly, SFP+ / SFP+, 10G, 30 AWG , Black 02 ft

### Usage (Overall)

Suitable Applications: 10Gbps Ethernet, SFP+ Direct Attach

### Multi Conductor

#### Physical Characteristics

##### Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material	Cable Type
4	2	30	Solid	Silver Plated Copper	Twinax

### Cable Characteristics (Connectivity)

#### Outer Shield

Outer Shield Material:

Layer #	Coverage (%)	Description
1	100.000	Al - Mylar
2	85.000	Braid

#### Outer Jacket

Outer Jacket Color Code Chart:

Number	Color
00	Black

#### Overall Diameter

Overall Nominal Diameter: 0.177 in.

### Physical Characteristics (Connectivity)

#### Materials

Materials:

Description	Material
Contacts	Gold plated pads (30 $\mu$ inch min.)
Back Shell	Nickel plated zinc alloy diecast

#### Weight

Weight: 0.286 lbs.

#### Packaging

Packaging: Individually packaged in an antistatic clear plastic bag.

### Mechanical Characteristics (Connectivity)

Footprint/Type: SFP+ to SFP+

#### Termination Interface:

Connection	Durabilities
Mated Connection	200 Cycles

Cable/Connector Retention: 20.200 lbs.

Storage Temperature Range: -20°C To +80°C

Operating Temperature Range: 0°C To +75°C

Max. Recommended Pull Tension: 2.800 lbs.

Min. Bend Radius (Overall Cable): 1 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

CEC/C(UL) Specification: CL2

IEEE Specification: IEEE 802.3ae 10 Gigabit Ethernet Standard

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EU Directive 2002/95/EC (RoHS):	Yes
Safety Listing:	Bi-national Standard Listed
Other Specification:	SFF-8431, SFF-8432, SFF-8472

### Flame Test

UL Flame Test:	UL1685 Vertical Tray Flame Test
CSA Flame Test:	FT4

### Transmission Characteristics (Connectivity)

Dielectric Strength:	300 V DC
Current Rating:	0.500 A
Insulation Resistance:	1000 M-Ohm Minimum
Max. Contact Resistance:	20 m-Ohm

### Electrical Characteristics (Overall)

Differential Impedance @ 1 MHz:	100 ± 5 Ohms
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### Labeling

Labeling:	Manufacturer name, Part Number, Serial Number, Length and Date Code
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### Notes (Overall)

#### Product Family

##### Product List:

Belden P/N	Description
SSFPP-P0002F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 2FT
SSFPP-P0003F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 3FT
SSFPP-P0004F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 4FT
SSFPP-P0005F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 5FT
SSFPP-P0006F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 6FT
SSFPP-P0007F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 7FT
SSFPP-P0008F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 8FT
SSFPP-P0009F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 9FT
SSFPP-P0010F	ASM CBL, SFP+ 10Gb/s Passive 30 AWG PVC Black 10FT
SSFPP-P0011F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 11FT
SSFPP-P0012F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 12FT
SSFPP-P0013F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 13FT
SSFPP-P0014F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 14FT
SSFPP-P0015F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 15FT
SSFPP-P0016F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 16FT
SSFPP-P0017F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 17FT
SSFPP-P0018F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 18FT
SSFPP-P0019F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 19FT
SSFPP-P0020F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 20FT
SSFPP-P0021F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 21FT
SSFPP-P0022F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 22FT
SSFPP-P0023F	ASM CBL, SFP+ 10Gb/s Passive 24 AWG PVC Black 23FT

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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Revision Number: 0 Revision Date: 11-30-2011

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