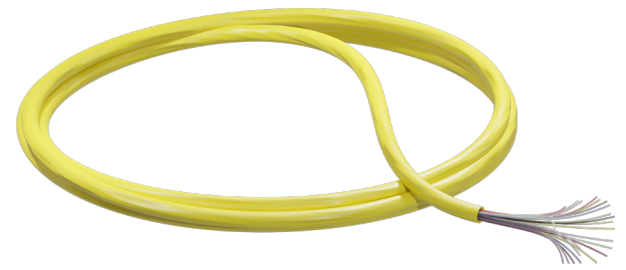


OS2 Single-Mode Freeform Ribbon™ Fiber Bundles



The Freeform Ribbon™ design (FPxxPVS) bundles uses Sumitomo Electric Lightwave's patented 12-fiber pliable ribbon constructed of 250µm color-coded optical fibers known as Freeform Ribbon™.

The Freeform Ribbon™ allows for compact fiber bundle construction without the need for nylon subunits which makes the preparation and termination process much easier and faster compared to the legacy design (FBxxSX/SXS). Additionally, with 12ct Freeform Ribbon™, fusion splicing can be done with 12 fibers at once compared to only one fiber at a time for the legacy versions, again, saving valuable time and overall termination costs. With the Freeform Ribbon™ design fiber bundle, the choice of termination is now expanded to ribbon fibers, non-ribbonized fibers, MPO and other standard connectors.

FEATURES

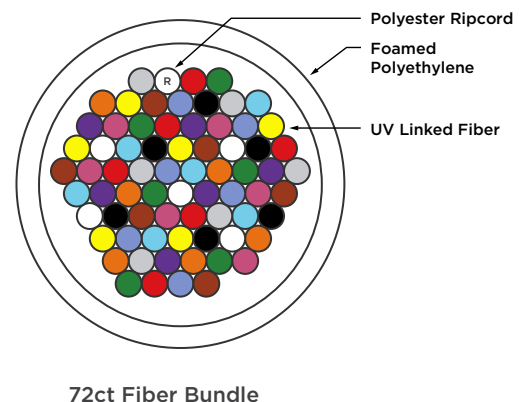
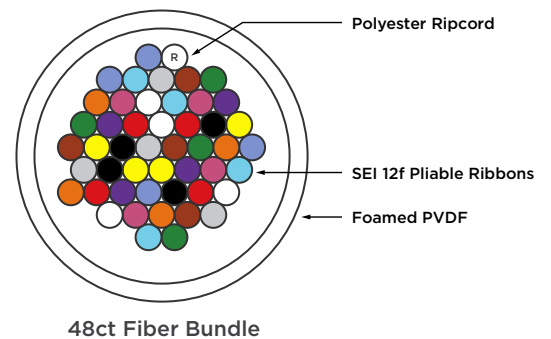
- Available in 48f and 72f
- Industry Standard Low Water Peak Single-Mode Optical Fiber
- Fibers Individually Color-Coded Per TIA Standards
- Yellow Aerodynamic Jacket Allows Long Distance Blows
- Ripcords for Easy Bundle Entry
- UL Listed for Use with Fire-Rated Tube Cables
- Meets ICEA, TIA and UL Standards
- The Freeform Ribbon™ design uses durable PVDF material for the jacket. Blowing accessories are required for the best blowing performance.

PART NUMBER	FIBER TYPE	SPECIFICATION
FP48PVS	SM OS2	Single-Mode 48-Fiber
FP72PVS	SM OS2	Single-Mode 72-Fiber

Must use blowing accessories to maximize FP48PVS and FP72PVS blowing performance.

FIBER COUNTS

Freeform Ribbon™ Fiber Bundle Series



SPECIFICATIONS

PROPERTY	SPECIFICATION	
Fiber Bundle Jacket Material	Polyvinylidene Fluoride (PVDF)	
Fiber Bundle Jacket Color	Yellow	
Core Diameter	8.3 μm	
Fiber Core / Cladding Offset	≤ 0.4 μm	
Cladding Diameter	125 μm	
Maximum Attenuation	1310 nm	≤ 0.40 dB/km
	1550 nm	≤ 0.30 dB/km
Group Index of Refraction	1310 nm	1.466
	1550 nm	1.467
	1625 nm	1.47
Fiber Bundle Minimum Bend Radius	1.5 in (38.1 mm)	

ORDERING INFORMATION

PART NUMBER	FIBER TYPE	DESCRIPTION	OUTSIDE DIAMETER		MAX WEIGHT (LBS./KFT.)	MAX LENGTH (600 BOBBIN) (FT.)
			IN	MM		
FP48PVS	SM OS2	Single-mode 48-fiber	0.12	3.1	5.2	9,800
FP72PVS	SM OS2	Single-mode 72-fiber	0.15	3.8	6.0	9,800

BLOWING ACCESSORIES

The blowing accessories to maximize FP72PVS and FP48PVS blowing distance

PART NUMBER	DESCRIPTION	UOM
BELUBE8	Tube cable lubricant, 8-fl oz/240-ml squeeze bottle. For up to 10,000 ft. tube distance	EA
BESPG01	Sponges for spreading lubricant, 5-8 mm, pack of 100	PK
BESRG20	Polypropylene Syringe 20ml	EA

**Must use BELUBE8, BESPG01 and BESRG20 for the best blowing performance*



BELUBE8



BESPG01



BESRG20

To learn more information visit www.SumitomoElectricLightwave.com