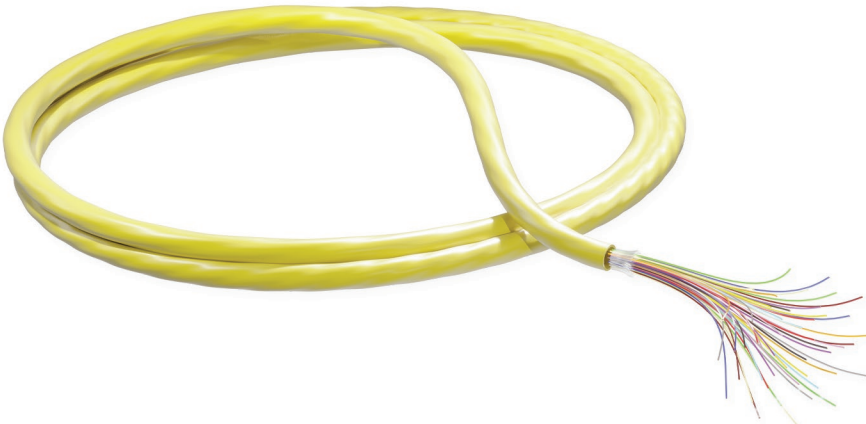




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Introducing Single-mode Freeform Ribbon Fiber Bundle



Description:

The new Bundle (FP72PVS) has same 72-ct Freeform Ribbon™ design of the legacy product (FB72SP) but even better blowing performance* with improved durability. Now available with 48-ct (FP48PVS). Both the 72ct and now 48ct fiber bundles are available with Sumitomo Electric's patented and advanced 12ct pliable technology 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 versions. 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 version, again saving valuable time and overall termination costs.

Specifications

Property	Specification	
Fiber Bundle Jacket material	Polyvinylidene Fluoride (PVDF)	
Fiber Bundle Jacket color	Yellow	
Fiber Core diameter	8.3 micron	
Fiber Core / Cladding Offset	≤ 0.4 μm	
Cladding diameter	125 micron	
Maximum Dispersion at 1310 / 1550 nm	≤ 3.2 / 1.80 ps/nm-km	
Index of Refraction	1310 nm	1.466
	1550 nm	1.467
	1625 nm	1.47
Fiber Bundle Minimum Bend Radius	1.5"	

Physical Characteristics

Part Number	Fiber Type	Description	Outside Diameter (in./mm.)	Max Weight (lbs./kft.)	Max Length (ft.)
FB48PVS	SM OS2	Single-mode 48-fiber	0.12 / 3.1	5.2	9,800
FB72PVS	SM OS2	Single-mode 72-fiber	0.15 / 3.8	6.0	9,800

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