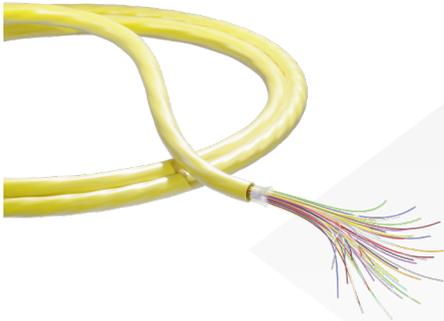


Single-mode Freeform Ribbon® Fiber Bundle



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 ribbon 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

Blowing Accessories

The blowing accessories to maximize FP72PVS and FP48PVS blowing distance for up to 4000ft.

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