



StarPak™ 48

Part Number Specification:

ALS - StarPak48

Benefits

- Convenient bundling of fiber sizes for faster star field installation
- Hazard free, no electricity along cable length
- Jacket is VW1 fire resistant
- Contains algaecides and fungicides
- UV stable
- Outdoor or indoor applications

Specifications

Model Numbers: StarPak48

Construction: 34 - .75mm, 10 - 1mm, 4 - 1.5mm Ultra high purity PMMA, bundled in a black PVC jacket. Jacket has a fire rating, UV inhibitors, Fungicides and Algaecides.

Transmission Loss (attenuation): less than 3% per meter

Raw Fiber: .75mm, 1.0mm and 1.5mm PMMA fiber with a numerical aperture of .5

Attenuation: < 180 dB per Km @ 650 nm (raw fiber)

Warranty: One year from initial date of purchase

Part Number	Core Dimension		Outer Dimension		Bending Radius		Fiber Count	Packing Fraction	Fused Packing Fraction
	in	mm	in	mm	in	mm			
SP48	.28	7.1	.33	8.50	2.56	65.0	48	.82	.75

Part Description

StarPak is an end emitting fiber optic cable. It consists of 34 - .75mm, 10 - 1mm and 4 - 1.5mm PMMA fiber in a black PVC jacket. StarPak cables are used in star fields, decorative lighting where multiple intensity points are required to create a dimensional depth effect. The fiber has a 60-degree acceptance angle and approximately a 60-degree field angle with no fixture.

Environment

StarPak cables can be used for indoor or outdoor applications. The PVC jacket contains UV inhibitors, algaecide, and fungicide. To prevent any deterioration, avoid letting moisture between the jacket and fiber bundle. Seal exposed ends and use a sealed end cap on the cable whenever pushing or pulling the cable through conduit or pipe. Avoid contact with sharp objects or abrasive surfaces that might damage or penetrate the jacket. Cable may be used in direct burial applications. Avoid allowing the black jacket to enter the main ferrule; this may cause overheating.