

SCHOTT® HelioFlex

Highly flexible fiber optic cables for spotlight applications



Product Characteristics

The SCHOTT fiber optic solution overcomes the space and heat problem by placing a light engine on a spot where there is sufficient space. From this point, we incorporate the SCHOTT® HelioFlex light guide within the panel structure and install a light outlet at the required point. The angle of the light output can be designed flexible.

The greatest advantage of such a system is the pure mechanical attributes with no electrical wiring to the panel. SCHOTT® HelioFlex is compliant with FAR 25-853, ABD0031 regarding flammability, smoke and toxicity.

Technical Specifications		
	Application Functional-/Spot Light	Application Star Ceiling
Outer cable diameter	7,0 mm	2,0 mm
Active bundle diameter	up to 4,0 mm	1,0 mm
Fiber diameter	70 µm	53 µm
Minimum bending radius	20 mm	4 mm
Max. length	2 m @ 4 mm bundle diameter	5 m
Typical weight/m	50 g/m	5,5 g/m
Cable color	black	black



Associated Products

LED light sources SCHOTT® HelioBasic II or SCHOTT® HelioIntense

Recommended Applications

Functional light e.g. for reading, moodlighting or stowage lighting in panels or various monuments and seats

Moodlighting for various applications within the cabin

Product Benefits

One light source in combination with SCHOTT® HelioFlex can create various numbers of spots

Electrical safety for worry-free performance

Excellent flexibility due to a multi-fiber construction

Unrivalled lifetime

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