

DHS110-42-1F Series--Fiber Optic Combined Slip Ring

DHS110-42-1F Description:

DHS110-42-1F product with 1 fiber optic channels, single model, with 42 signal channels, suitable for rotating application, working speed 100rpm.

DHS110-42-1F Customized Options:

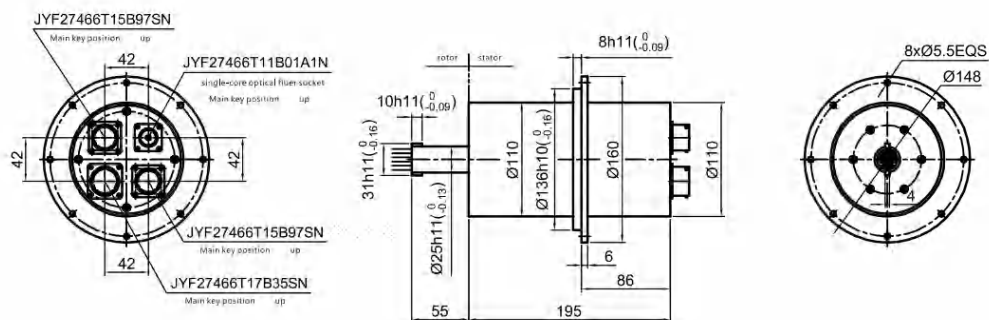
- ◆ Cable length
- ◆ Number of loops
- ◆ Fiber type
- ◆ Fiber lengths
- ◆ Fiber connector



Typical Application:

Remote control systems, transmission and control of digital and analog signals
 Radar, antenna systems
 Video surveillance systems

DHS110-42-1F Standard Drawing :



DHS110-42-1F Technical Parameters:

Optical Fiber Parameters			
No of Channels	1 Ring or Custom		
Wavelength	1310nm/1550nm		
Optical Fiber Type	Single Mode		
Connector Type	FC		
Insertion loss	< 4dB		
Housing Material	Stainless Steel		
Optical Cable type	Φ3 single mode		
Pigtail length	Rotor :400mm-420mm Stator :Aviation plug-JYF27466T11B01A1N		
Electrical technical		Mechanical technical	
No of Channels	42 or Custom	Speed range	0-100rpm
Rated Current	25A-4 rings,20A-4 rings,4A-40rings,HD-4 rings	Protection level	IP65
Rated Voltage	0-440VAC/240VDC	Structural material	Q235A
Contact resistance variation	< 10mΩ	Working humidity	< 70%
Insulation resistance	≥1000MΩ@1000VDC	Electrical contact material	Precious metal
Electrical strength	1000VAC@50Hz,60s,1mA	Lead specification	Aviation plug-in AF-0.15RG3.6
Working temperature	-20°C ~ +80°C	Lead length	stator:500mm+20mm