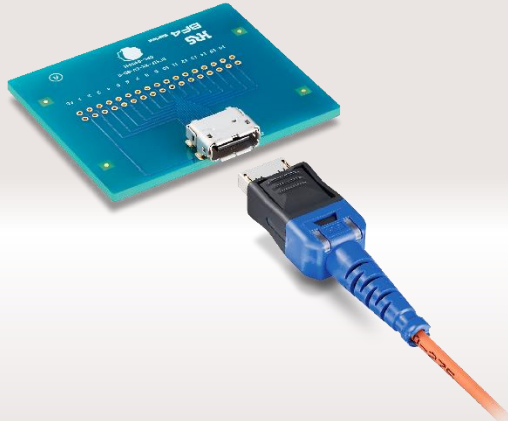


BF4-IR2 Series

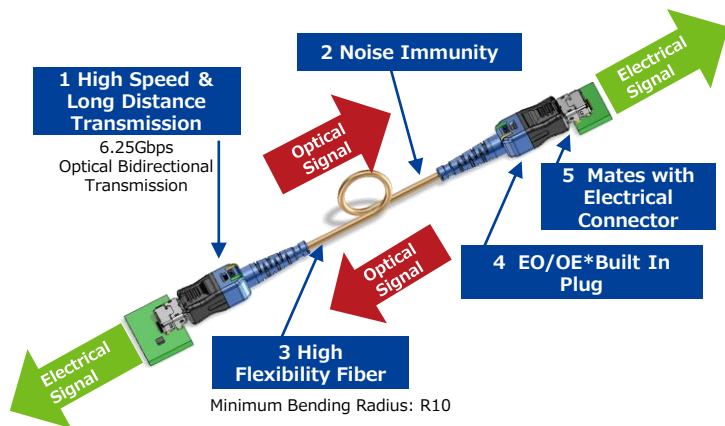


Features

- 1 Supports bidirectional optical transmission up to 6.25Gbps (TX : 1ch, RX : 1ch)
- 2 Superior EMI resistance for long distance transmission
- 3 Low power consumption (160mW/ch)
- 4 Supports high flexibility fiber cable
- 5 Built-in LED for connection confirmation
- 6 Lock mechanism enables high retention strength

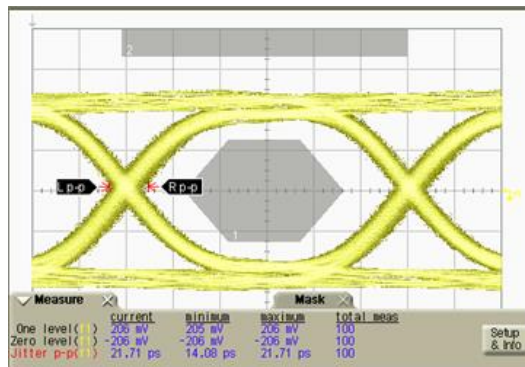
Patented

Optical Transmission with the Convenience of Electrical Transmission



Eye Pattern

DR=6.25Gbps



Specifications

Insertion Loss	0.5dB Max.
Operating Temperature	-10 to +85°C
Mating Durability	1000 times
Data Rate	0.05Gbps to 6.25Gbps
Encoding System	8B10B (Recommended)
Power Supply Voltage	3.0 to 3.6V
Power Consumption (Electricity Consumption: 3.3V)	160mW Max.

* E/O: Convert Electrical to Optical
O/E: Convert Optical to Electrical