

## Product Details

### HFBR-0500Z Series Fibre Optic Connection

The HFBR-x5xxZ family, from Avago Technologies, form a part of the Versatile Link series. They are fibre optic link components including transmitters, receivers, connectors and cables. The HFBR-x5xxZ series are suitable solutions for problems with voltage isolation and insulation, EMI/RFI immunity or data security.

This family of devices consists of a variety of package configurations and connectors, providing a range of mechanical design solutions for the necessary application requirements.

The HFBR-x5xxZ transmitters use a 660nm LED for easy visibility. The receivers include a monolithic DC coupled, digital IC receiver with open collector Schottky output transistor.

The HFBR-x5xxZ series are ideal for a wide variety of applications including; motor controller triggering, data communications, local area networks and noise immune communication in audio and video equipment.

## Specifications

- Typical Rise Time 12ns
- Dimensions 19.6 x 10.4 x 7.71mm
- Connector Shape Round
- Brand Broadcom
- Length 19.6mm
- Height 7.71mm
- Width 10.4mm
- Number of Pins 6
- Maximum Data Rate 125MBd
- Series Versatile Link
- Mounting Type Through Hole
- Typical Fall Time 9ns
- Peak Wavelength 650nm