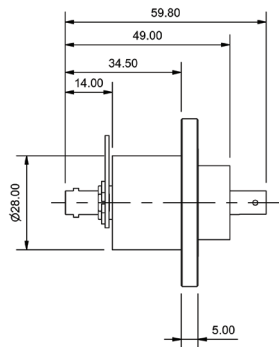


# Optilinc

## Single Channel Axial Fibre Optic Rotary Joint (FORJ)



Optilinc with ST Connector & Flange



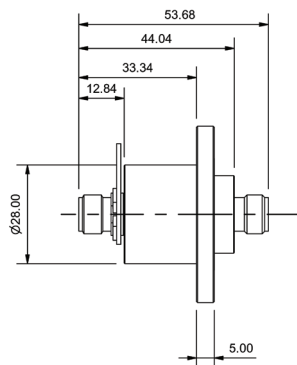
The Optilinc range of contactless FORJ have been produced to revolutionise the slip ring market. Optilinc is the first of the new generation of contactless slip rings to be produced by BGB Engineering Ltd.

The fibre optic rotary joint is ideal for high speed data transfer on many applications. Constructed in stainless steel, Optilinc has exceptional durability protecting the unit from dust and water ingress to IP68. Cables can be supplied to any connector configuration.

The FORJ has been rigorously tested by Deutsch UK Ltd to EN2591-601, (Aerospace series - Elements of electrical and optical connection Part 601: Optical elements - Insertion loss) and to EIA standards.



Optilinc with RSC Connector & Flange



### SPECIFICATION

- > Multimode - 62.5 / 125 Fibre
- > Singlemode - 9 / 125 Fibre (Pig tailed only)
- > Ruggedised stainless steel
- > Extended temperature range
- > Optical passes; one multimode / Single mode
- > Insertion loss; 2.0dB maximum
- > Rotational variation; 0.5dB maximum
- > Back reflections; -13dB minimum (upto 35 for Singlemode)
- > Wavelengths; 850 to 1610nm
- > Rotational speed; 5000 RPM maximum
- > Unit weight; 147g
- > Sealing I.P.68
- > Pig tailed, fibre length to customer requirement
- > ST or RSC Connectors available
- > Expected life cycle in excess of 20 years

