



Features

- Produce right-hand or left-hand circular polarisation from a linearly-polarised input
- Operates at relatively high power
- Models available 3.94 GHz – 173 GHz

Applications

Model

- Suitable for conversion between linear and circular polarisation for transmission and reception via a horn antenna.

Specifications

Each polariser is optimised for the frequency band of interest. Designs are generally suitable for use up to about a third of a waveguide band. They can handle average power up to the capability of straight waveguide of the same size. Requires circular waveguide interface at each port. Transitions from rectangular to circular waveguide are available from Flann and can be supplied with the corrugated polariser as a single assembly.

Flanges can be arranged to allow the corrugated polariser to be manually positioned for either right-hand or left-hand circular polarisation.

Related Products

Series

648: Dielectric polariser

652: Electrically-switchable dielectric polariser

Relevant Supporting Products

643: Rectangular to circular transition, may be used with these polarisers

243, 810, 820, 880: Horn Antenna

Custom Design

Custom built instruments can be supplied; please contact the sales team for more information.

sales@flann.com

FLANN MICROWAVE LTD.

Dunmere Road
Bodmin
Cornwall
PL31 2QL

GET IN TOUCH

Tel: +44 (0)1208 77777
sales@flann.com
www.flann.com



FLANN MICROWAVE

Corrugated Polarisers
Series 651

Ordering

Model	Series	-	Flange
WG12 – WG29	651		See flann.com

Environmental Specifications

Optimum operating temperature:

FLANN MICROWAVE LTD.

Dunmere Road
Bodmin
Cornwall
PL31 2QL

GET IN TOUCH

Tel: +44 (0)1208 77777
sales@flann.com
www.flann.com