TWS specialise in the manufacture of waveguides, waveguide components and assemblies. The range of standard components is offered with a range of waveguide flanges based on the major international flange interface specifications. Standard flanges are available in Brass or Aluminium, with Copper Flanges available on request. Certain designs of flanges are available from stock to provide a minimum delivery lead-time on preferred waveguide sizes. All flanges are manufactured to the highest quality standards. The wide variety of flanges detailed in this catalogue are available as standard on the majority of TWS products although certain designs are not suitable for all designs. TWS offer technical support at the design stage to ensure the most suitable flange is chosen for every application. The Waveguide Solution facility is approved to ISO9001:2000.
### Materials

- **Aluminium** (Shown in blue type)
- **Brass** (Shown in black type.)

### Codes

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### Materials

**Aluminium**
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**Brass**
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**Square Flange**
- Plain
- Seal Groove
- Choke

**Round Flange**
- Plain Coupling Type
- Seal Groove Coupling Type
- Choke Coupling Type
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**Notes:**
- All D01, D02, D07 & D08 Flanges have alternate threaded / clearance bolt holes.
- All D03, D04, D09 & D10 Flanges have threaded bolt holes.
- All D05, D06, D11 & D12 Flanges have clearance bolt holes.
Ordering Information

F 16 412
THE WAVEGUIDE SOLUTION 3 DIGIT FLANGE CODE AS USED IN ALL PRODUCTS (RECTANGULAR FLANGES ONLY)
WAVEGUIDE SIZE
USE THE BRITISH WG SIZE FOR RECTANGULAR WAVEGUIDE
PRODUCT CODE
F= FLANGES

F 200 D12
THE WAVEGUIDE SOLUTION 3 DIGIT FLANGE CODE AS USED IN ALL PRODUCTS (DOUBLE RIDGE FLANGES ONLY)
WAVEGUIDE SIZE
USE THE BRITISH WG SIZE FOR RECTANGULAR WAVEGUIDE
PRODUCT CODE
F= FLANGES

Notes:
1) Flange material should match the material of the chosen Waveguide (i.e. aluminium flange for aluminium Waveguide)
2) UER standard miniature flanges are not available with Flexible Waveguides.

Specifications shown on this document are offered as a guide only. Components may be modified to suit the mechanical or electrical parameters requested, or may be optimized to suit the operating frequency range. Frequency range of operation shall be advised when ordering.

Information provided in this brochure is for reference only. Dimensions or specifications are typical values. All designs, specifications and availabilities of products and services presented in this document may be subject to change without notice. For confirmation of details please consult your agent or manufacturer. Issue 1.0a