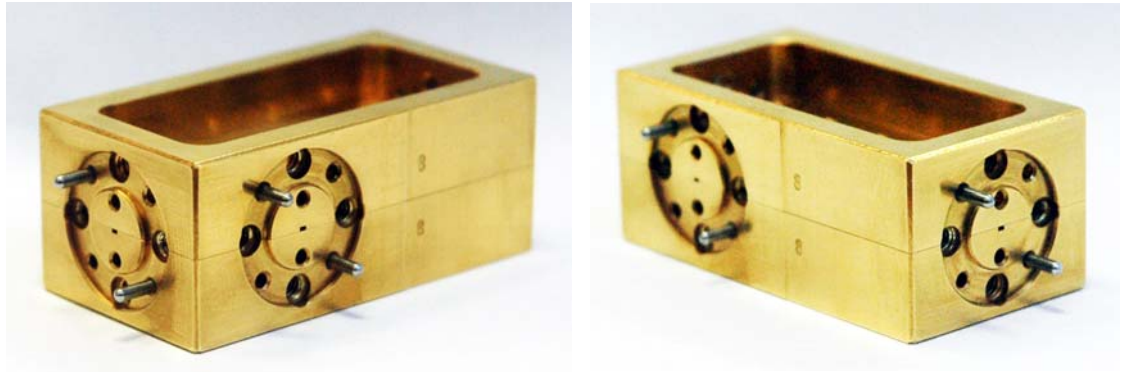


DATA SHEET

Date: Dec 24, 2016

Component Type: **Directional Coupler**
 Model (Part No.): **DC3-015E/Y**



These pictures are for reference only

MECHANICAL SPECIFICATIONS:

Waveguide Ports: WR-5 (1.295 x 0.648 (mm)), UG 387/UM
 Dimensions: 51 x 27 x 21.05 (mm) (without flanges' pins)
(outline dimensions can vary depending on design and coupling value)
 Material: brass / copper
 Finish: silver or gold plated

ELECTRICAL SPECIFICATIONS:

Frequency range: 140 ÷ 220 GHz
 Coupling (Y): 3, 6, 10, 15, 20 or 30 dB
 Coupling flatness: ±1.0 dB max
 Coupling accuracy: 10%
 Directivity: 30 dB min
 VSWR, main line: 1.15 max
 VSWR, secondary line: 1.2 max
 Insertion loss: 2.5 dB max
 Average power handling: 0.1 W