

DATA SHEET

Date: July 31, 2016

Component Type: **Directional Coupler**
 Model (Part No.): **DC3-010E/10**



These pictures are for reference only

MECHANICAL SPECIFICATIONS:

Waveguide Ports: WR-2.2, UG 387/UM
 Dimensions (preliminary): 51 x 27 x 21.05 (mm) (without flanges' pins)
 Material: brass / copper
 Finish: silver or gold plated

ELECTRICAL SPECIFICATIONS:

Frequency range: 325 ÷ 500 GHz
 Coupling (Y): 10 dB
 Coupling flatness: ±1.5 dB max
 Coupling accuracy: 12%
 Directivity: 20 dB min
 VSWR, main line: 1.3 max
 VSWR, secondary line: 1.3 max
 Insertion loss: 3.5 dB max
 Average power handling: 0.1 W