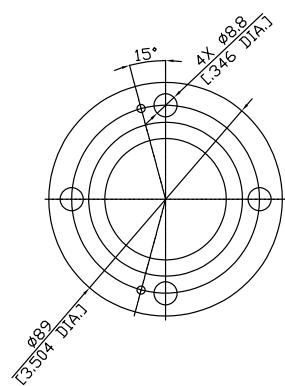
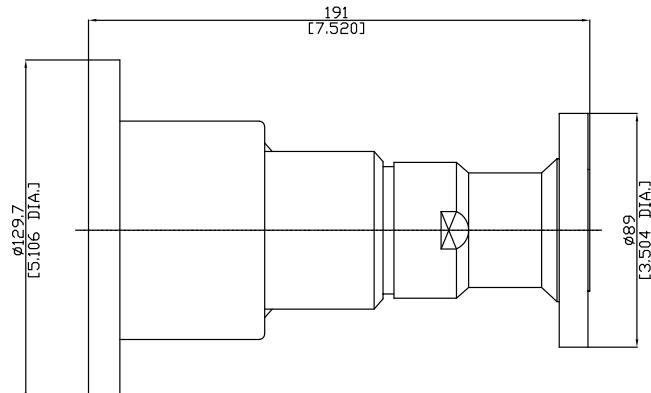
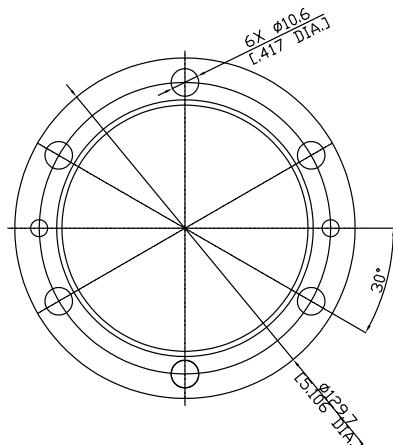


**EIA 3 1/8" flange / EIA 1 5/8" flange
Straight adaptor DC- 3.8 GHz VSWR ≤ 1.20**

AD-EIA318EIA1585A / 03-03



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

| | |
|-------------------------|-----|
| EIA 3 1/8" according to | N/A |
| EIA 1 5/8" according to | N/A |

Electrical Data

| | |
|---------------------------------|---------------------------------|
| Impedance | 50 Ω |
| Frequency | DC to 3.8 GHz |
| VSWR (Return loss) | ≤ 1.20 (≥ 20.83 dB) |
| Dielectric Withstanding Voltage | ≥ 6000V RMS (50Hz; @ sea level) |
| Center contact resistance | ≤ 1.5mΩ |
| Outer contact resistance | ≤ 1mΩ |

Mechanical Data

| | | |
|---------------|--------------------------|--------------------------|
| Mating cycles | EIA 3 1/8" side ≥ 500 | EIA 1 5/8" side ≥ 500 |
|---------------|--------------------------|--------------------------|

Environmental Data

| | |
|-------------------|----------------|
| Temperature Range | -45°C to +85°C |
| IP rating | IP67 |
| RoHS | compliant |

Material And Plating

| Piece Parts (EIA 3 1/8" flange)* | Material | Plating |
|----------------------------------|---------------|---------|
| Centre contact | Brass | Silver |
| Body | Brass | Nickel |
| Insulator | PTFE | |
| Gasket | 6146 Silastic | |
| Piece Parts (EIA 1 5/8" flange)* | Material | Plating |
| Centre contact | Brass | Silver |
| Body | Brass | Nickel |
| Insulator | PTFE | |
| Gasket | 6146 Silastic | |

Packing

Single or 100