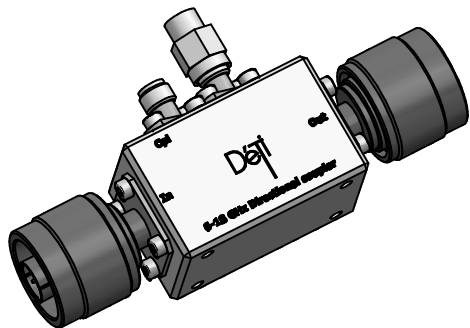
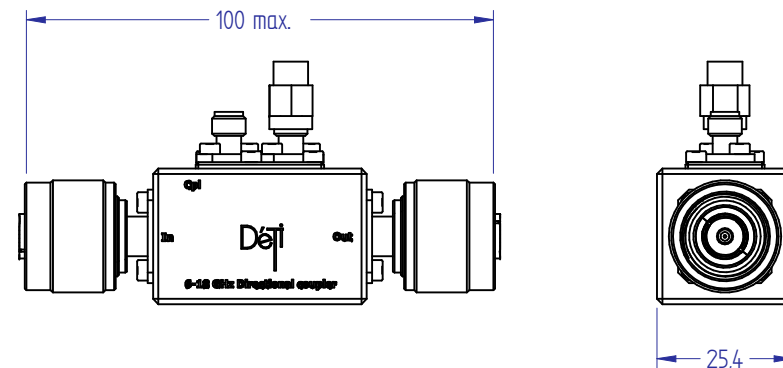
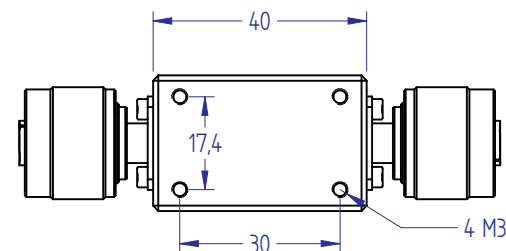
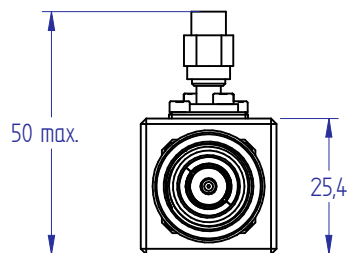




## SPECIFICATIONS

|                            |                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------|
| Frequency Range :          | 6.0 - 18.0 GHz                                                                                      |
| Coupling :                 | 30 ± 1 dB                                                                                           |
| Frequency Sensitivity :    | ± 1 dB                                                                                              |
| Minimum Directivity :      | 20 dB                                                                                               |
| Maximum Insertion Loss :   | 0.3 dB                                                                                              |
| Mainline VSWR :            | 1.50 : 1                                                                                            |
| Coupling line VSWR :       | 1.60 : 1                                                                                            |
| Power Handling :           | 200 W average<br>2000 W peak (10% DC < 1ms)                                                         |
| Mainline Connectors :      | N Male (Input)<br>N Male (Output)                                                                   |
| Coupling line Connectors : | SMA Female                                                                                          |
| Operating Temperature :    | -55 to 100°C                                                                                        |
| Pressure :                 | 70 to 1200 mbar                                                                                     |
| Altitude :                 | 60 000 feet operate                                                                                 |
| Vibrations :               | 10-2000Hz-0.1g <sup>2</sup> /Hz<br>100-1000Hz-1g <sup>2</sup> /Hz<br>Duration : 1 H/axis for 3 axis |
| Chocks :                   | 30g half-sinus<br>Duration : 11ms/axis for 3 axis                                                   |



|          |        |                             |  |                             |                                                                                       |                                                  |
|----------|--------|-----------------------------|--|-----------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------|
|          |        |                             |  | Matière :<br>Aluminum       | Titre :<br><br>DIRECTIONAL COUPLER 6-18 GHz<br>30 dB Coupling - 200 W CW              |                                                  |
|          |        |                             |  | Taïement :<br>Silver Finish |                                                                                       |                                                  |
|          |        |                             |  | Classif. :<br>2             |                                                                                       | Tolérance générale :<br>± 0.5mm                  |
|          |        |                             |  |                             |  | Document N° :<br>CD-1-6000-18000-30-200-NM-NM-SF |
| 29/05/15 | B      | Mainline VSWR : 1.40:1 max. |  |                             |                                                                                       |                                                  |
| Date     | Indice | Nature de la modification   |  | Niv. Sup.                   |                                                                                       |                                                  |
|          |        |                             |  | 2 : 1                       | Feuille :<br>1 / 1                                                                    | Date :<br>06/08/15                               |
|          |        |                             |  |                             |                                                                                       | Dessiné par :<br>emichaut                        |