

# Current Injector (CIN)



## PRODUCT FEATURES

- Available for indoor or outdoor use
- General use with 824– 2170 MHz frequency range
- Compliant with AISG signalling

| ARTICLE                                    | EXT-301xx          |
|--|--------------------|
| <b>ELECTRICAL</b>                          |                    |
| <b>FREQUENCY RANGE</b>                     | 824 - 2170 MHz     |
| <b>INSERTION LOSS</b>                      | 0.1 dB             |
| <b>RETURN LOSS</b>                         | 20 dB              |
| <b>MAX RF POWER</b>                        | 500 W (57 dBm)     |
| <b>DC CURRENT</b>                          | 1.6 A              |
| <b>INTERMODULATION</b>                     | -116 dBm @2x43 dBm |
| <b>ISOLATION RF-DC</b>                     | 65 dB              |
| <b>COMPLIANT WITH AISG TYPE SIGNALLING</b> | 1-11 MHz           |

|                             |   |
|-----------------------------|---|
| <b>ENVIRONMENTAL</b>        |   |
| <b>TEMPERATURE</b>          | -40 to +65 °C                             |
| <b>INGRESS PROTECTION</b>   | IP 44                                     |
| <b>LIGHTNING PROTECTION</b> | 10 kA 8/20 $\mu$ s<br>3 kA 10/350 $\mu$ s |

|                   |                 |
|-------------------|-----------------|
| <b>MECHANICAL</b> |                 |
| <b>WEIGHT</b>     | 300 g           |
| <b>DIMENSIONS</b> | 88 x 38 x 47 mm |

| ARTICLE     | BTS    | ANT    | DC    |
|-------------|--------|--------|-------|
| EXT-30101*  | 7/16 M | 7/16 F | SMB M |
| EXT-30102*  | 7/16 F | 7/16 M | SMB M |
| EXT-30111** | 7/16 M | 7/16 F | SMA F |
| EXT-30112** | 7/16 F | 7/16 F | SMA F |

\* Indoor

\*\* Outdoor