

## FLT-186-JJ

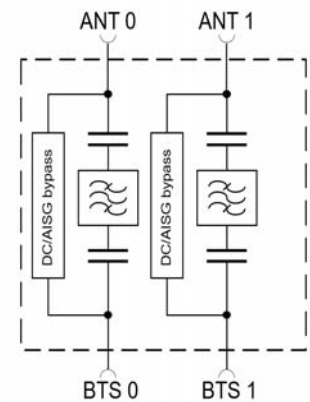
GSM900 with LTE850 Suppression | Band Pass Filter | Twin Unit

- GSM900 Band Pass Filter with LTE850 suppression
- With DC/AISG bypass configurations
- Suitable for indoor and outdoor applications
- Can be mounted on pole or wall

**NO  
IMAGE  
AVAILABLE**

**COMING  
SOON**

| Electrical Characteristics   |         |   |                       |
|--|---------|---|-----------------------|
| Band Pass Frequency  |         | 880.1-960 MHz   |                       |
| Stop Band Attenuation (869-879 MHz)                                  |         | > 41 dB   |                       |
|  |         | 880.1-915 MHz   | 925.1-960 MHz         |
| Insertion Loss   | Maximum | < 2.4 dB  | < 0.3 dB              |
|  | Typical | 0.35 dB   | 0.2 dB                |
| Insertion Loss - High/Low Temperature                                | Maximum | ≤ 2.6 dB  | ≤ 0.3 dB              |
|  | Typical | ≤ 0.35 dB   | ≤ 0.2 dB              |
| Ripple   | Maximum | ≤ 2.3 dB  | ≤ 0.1 dB              |
|  | Typical | ≤ 0.35 dB   | ≤ 0.05 dB             |
| Group Delay  | Maximum | 573 ns  | 29 ns                 |
|  | Typical | ≤ 69 ns   | ≤ 25 ns               |
| Group Delay Variation  | Maximum | 570 ns  | 3 ns                  |
|  | Typical | ≤ 69 ns   | ≤ 1 ns                |
| VSWR   |         | < 1.25  |                       |
| IM3 (2x43 dBm)   |         | < -117 dBm  |                       |
| Input Power  |         | < 300 W   |                       |
| DC/AISG Transparency   |         | Bypass; 2500 mA (max)   |                       |
| Environmental Characteristics  |         |   |                       |
| Operating Temperature Range  |         | -40° to +65° C (-40° to +149° F)                                  |                       |
| Application  |         | Indoor / Outdoor  |                       |
| Ingress Protection   |         | IP67  |                       |
| Lightning Protection   |         | 10 kA 8/20 μs   |                       |
| Mechanical Characteristics   |         |   |                       |
| Connectors   |         | 7/16-DIN Female (Long Neck)                                       |                       |
| Dimensions - without connectors or brackets (Length x Width x Depth) |         | 262 x 138 x 150 mm  | 10.3 x 5.4 x 5.9 in   |
| Weight   |         | 7.5 kg  | 16.5 lbs              |
| Packing Dimensions (L x W x D)                                       |         | 440 x 300 x 260 mm  | 17.3 x 11.8 x 10.2 in |
| Mounting Characteristics   |         |   |                       |
| Pole / Wall Bracket  |         | Attach to pole diameter Ø40-Ø135 mm (Ø1.57-Ø5.3 in) or wall mount |                       |



Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.