

Cross-Band Coupler

Tri-band / Triplexer

30-180MHz / 330-520MHz / 740-960MHz

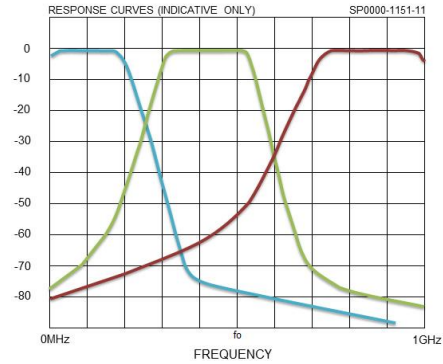
SP0000-1151-11



The three banded compact cross-band coupler provides low insertion loss and high port-to-port isolation for the desired VHF, UHF and 7/8/900MHz frequency bands. Designed for indoor and outdoor use, the cross-band coupler is provided with stainless steel mounting brackets suitable for either flat surface or pole mounting requirements. Suited for use where a single feeder cable is required to connect to banded antennas or coupling onto a single coaxial feeder in multi-banded systems.

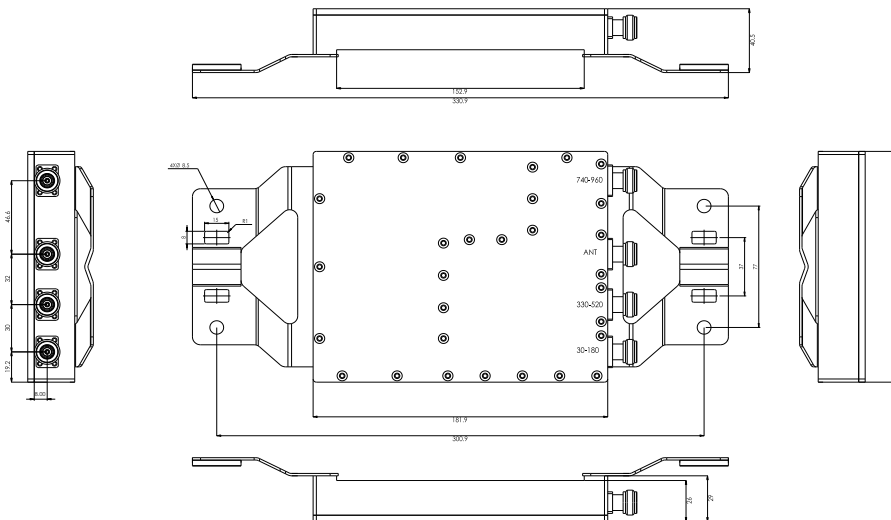
Features

- Covers full VHF, UHF and 7/8/900MHz commercial bands
- Provided with wall or pole mount stainless steel mounting bracket
- 30W (CW) power rating per frequency banded port
- Low insertion loss across respective pass bands
- >45dB isolation across ports
- Suitable for both indoor and outdoor environments - IP66



Specifications

| Model Number | SP0000-1151-11 | | |
|--|---|---------|---------|
| Type | Cross-Band Coupler / Triplexer | | |
| Port | Port 1 | Port 2 | Port 3 |
| Frequency Range MHz | 30-180 | 330-520 | 740-960 |
| Bandwidth MHz | 150 | 190 | 220 |
| Insertion Loss dB (max) | 1.2 | 1.2 | 1.2 |
| Ripple in-Band dB (max) | 0.8 | 0.8 | 0.8 |
| Stop-band Attenuation dB (min) | 45 | 45 | 45 |
| Return Loss dB (min) | 18 | | |
| Impedance Ohms | 50 | | |
| Ingress Protection | IP66 | | |
| Connector Type | N(f) | | |
| Power Rating W (CW) | 30 | | |
| Mounting | Pole or Wall (flat surface) | | |
| Finish | Painted Black with Stainless Steel Mounting Bracket | | |
| Temperature C / F | -25 to +65deg / -13 to +149deg | | |
| Dimensions mm / inch (HxWxD) Excl. brackets and connectors | 29x181.9x146.4 / 1.14x7.16x5.76 | | |
| Weight Kg / lbs Excl. Brackets and connectors | 1.2 / 2.64 | | |



| Ordering Information | |
|----------------------|--|
| SP0000-1151-11 | Cross-Band Coupler, 30-180MHz / 330-520MHz / 740-960MHz, 30W, N(f) |