

Preselector Filters UHF and Tetra Preselectors FP30401 Series

FP30401B-5-3Preselector, 3 MHz bandwidth, compact, BNC connectors, 380-400 MHz

Also referred as: FP30401-E3330

- Suitable for most standard multicoupling requirements
- Can be mounted directly on 1.75 " high receiver multicoupler tray
- Rugged compact construction with BNC type female connectors

The FP series of preselectors are compact units that are suitable for most standard multicoupling requirements. Their size permits them to be mounted directly on the 1 3/4 in (44.5 mm) high receiver multicoupler tray.



| Region | United States | Europe, Middle East and Africa | Caribbean and Latin America | Canada and rest of the world |
|---|-----------------------|--|--------------------------------|--|
| Telephone | USA: 1 800 263 3275 | International: +44 (0) 1487 84 28 19 | International: +1 905 726 7676 | Canada: 1 800 263 3275 International: +1 905 727 0165 |
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| Product Specification Sheet EPR 016540 | | FP30401B-5-3 | Issue: 2 | Dated: 27-08-15 Dated: 26-09-13 |
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| Electrical Specifications | | | |
|---------------------------------------|-----|------------|--|
| Frequency Range | MHz | 380 to 400 | |
| Input VSWR (max) | | 1.5:1 | |
| Insertion loss (typ) | dB | 2 | |
| Impedance | Ω | 50 | |
| Average Power Input (max) | W | 10 | |
| Input Connectors | | BNC-Female | |
| Output Connectors | | BNC-Female | |
| Approx Bandwidth @ 40 dB | MHz | 18 | |
| Bandwidth at specified insertion loss | MHz | 3 | |

Mechanical Specifications

| Width | in (mm) | 4.2 (107) | |
|------------------------|----------|---------------------|--|
| Depth | in (mm) | 7.5 (191) | |
| Length/ Height | in (mm) | 1.3 (33) | |
| Weight | lbs (kg) | 1.5 (0.68) | |
| Actual Shipping weight | lbs (kg) | 2 (0.91) | |
| Shipping dimensions | in (mm) | 13x9x3 (330x229x76) | |

Environmental Specifications

| Temperature range | °F (°C) | -22 to +140 (-30 to +60) | |
|-------------------|---------|--------------------------|--|

| FP304017-2-3_CC0332200-101 Tr1 S21 Log Mag 10.00d8/ Ref 0.000d8 [F2] | 4 |
|--|--|
| 0.000 1 452.41250 MHz 1.7345 dB -10.00 3 451.43125 MHz -2.3498 dB | |
| -20.00 +4 454.63125 MHz 2.2576 db | |
| -30.00 | |
| -40.00 | |
| -60.00 | |
| -70.00 | |
| -80.00 | |
| -90.00 | |
| -100.0 | |
| S11 Log Mag 5.000dB/ Ref 0.000dB [F2] | Tr3 S22 Log Mag 5.000dB/ Ref 0.000dB [F2] |
| 0.000 1 452,81250 MHz -28.293 dB -5.000 2 452,45000 MHz -27.465 dB | 0.000 1 452.81250 944 -29.433-08 -5.000 2 453 4500 444 -29.494 00 |
| -10.00 -4 454 53125 MHZ -20.521 dB | -10.00 4 51.53125 MHZ -19.59 dB |
| -15.00 | -15,00 |
| -20.00 | -20.00 |
| -25.00 | -25.00 |
| -30.00 | -30.00 |
| -35.00 | -35.00 |
| -40.00 | -40.00 |
| -45.00 | -45.00 |
| -50.00 | -50.00 |

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