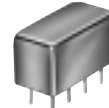


Low Pass DC to 1000 MHz



PLP

| MODEL NO. | PASSBAND, MHz | f _{co} , MHz Nom. | STOP BAND, MHz | | VSWR | | CASE STYLE | CONNECT ION | PRICE \$ |
|---------------|---------------|----------------------------|----------------|----------------|----------|----------|------------|-------------|------------|
| | (loss < 1 dB) | (loss 3 dB) | (loss > 20dB) | (loss > 40 dB) | Passband | Stopband | | | |
| | | | | | Typ. | Typ. | Note B | | Qty. (1-9) |
| PLP-1.9** | DC-1.9 | 2.5 | 3.4-4.7 | 4.7-200 | 1.7:1 | 18:1 | A01 | cr | 13.95 |
| PLP-2.5** | DC-2.5 | 2.75 | 3.8-5.0 | 5.0-200 | 1.7:1 | 18:1 | A01 | cr | 14.95 |
| PLP-5 | DC-5 | 6 | 8-10 | 10-200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-7-75 | DC-7 | 8 | 11-15 | 15-200 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-10.7 | DC-11 | 14 | 19-24 | 24-200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-10.7-75 | DC-11 | 14 | 19-24 | 24-200 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-15 | DC-15 | 17 | 23-32 | 32-200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-15-75 | DC-15 | 17 | 23-32 | 32-200 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-21.4 | DC-22 | 24.5 | 32-41 | 41-200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-21.4-75 | DC-22 | 24.5 | 32-41 | 41-200 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-30 | DC-32 | 35 | 47-61 | 61-200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-30-75 | DC-32 | 35 | 47-61 | 61-200 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-50 | DC-48 | 55 | 70-90 | 90-200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-50-75 | DC-48 | 55 | 70-90 | 90-200 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-70 | DC-60 | 67 | 90-117 | 117-300 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-90 | DC-81 | 90 | 121-157 | 157-400 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-100 | DC-98 | 108 | 146-189 | 189-400 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-100-75 | DC-98 | 108 | 146-189 | 189-400 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-150 | DC-140 | 155 | 210-300 | 300-600 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-200 | DC-190 | 210 | 290-390 | 390-800 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-250 | DC-225 | 250 | 320-400 | 400-1200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-300 | DC-270 | 297 | 410-550 | 550-1200 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-450 | DC-400 | 440 | 580-750 | 750-1800 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-550 | DC-520 | 570 | 750-920 | 920-2000 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-600 | DC-580 | 640 | 840-1120 | 1120-2000 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-600-75 | DC-580 | 640 | 840-1120 | 1120-2000 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-750 | DC-700 | 770 | 1000-1300 | 1300-2000 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-800 | DC-720 | 800 | 1080-1400 | 1400-2000 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-850 | DC-780 | 850 | 1100-1400 | 1400-2000 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| ■ PLP-850-75 | DC-750 | 850 | 1150-1490 | 1490-2000 | 1.7:1 | 18:1 | A01 | cr | 12.95 |
| PLP-1000 | DC-900 | 990 | 1340-1750 | 1750-2000 | 1.7:1 | 18:1 | A01 | cr | 11.45 |
| PLP-1200 | DC-1000 | 1200 | 1620-2100 | 2100-2500 | 1.7:1 | 18:1 | A01 | cr | 11.45 |

NOTES:

- * 35 dB for SCLF-380, SCLF-420 and SCLF-550 models
- ** 1dB compression at +13dbm input power
- Denotes 75 ohm model.
- Non-hermetic
- A. General Quality Control Procedures, Environmental Specifications, Hi-Rel and MIL description are given in General Information (section 0).
- B. Connector types and case mounted options, case finishes are given in section 0, see "Case styles & outline drawings".
- C. Prices and specifications subject to change without notice.
- 1. Absolute maximum power, voltage and current rating:
 - 1a. RF power, 0.5 Watt

NSN GUIDE

| MCL NO. | NSN |
|---------|------------------|
| PLP-30 | 5915-01-355-9433 |
| PLP-100 | 5915-01-332-1091 |
| PLP-150 | 5915-01-389-3575 |
| PLP-300 | 5915-01-450-7011 |
| PLP-450 | 5915-01-389-8302 |

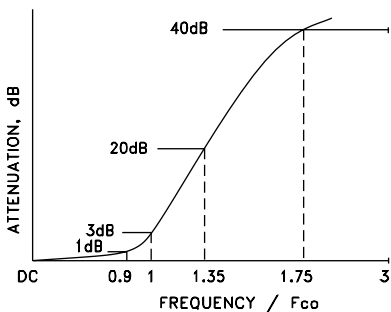
Low Pass DC to 1000 MHz



SCLF

| MODEL NO. | PASSBAND, MHz | fc ₀ , MHz Nom. | STOP BAND, MHz | | VSWR | | CASE STYLE | NOTES | PRICE \$ (Note 2) Qty. (1-9) |
|-----------|---------------|----------------------------|----------------|----------------|----------|----------|------------|-------|------------------------------------|
| | (loss < 1 dB) | (loss 3 dB) | (loss > 20dB) | (loss > 40 dB) | Passband | Stopband | | | |
| | | | | | Typ. | Typ. | Note B | | |
| SCLF-5 | DC-5.0 | 5.8 | 8-10 | 10-200 | 1.7:1 | 18:1 | YY161 | cr | 14.95 |
| SCLF-8 | DC-8.0 | 9.2 | 12.5-16.5 | 16.5-200 | 1.7:1 | 18:1 | YY161 | cr | 12.95 |
| SCLF-10.7 | DC-11 | 14 | 19-24 | 24-200 | 1.7:1 | 18:1 | YY161 | cr | 12.95 |
| SCLF-21.4 | DC-22 | 24.5 | 32-41 | 41-200 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-25 | DC-25 | 28 | 36-47 | 47-200 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-30 | DC-30 | 35 | 47-61 | 61-200 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-45 | DC-45 | 55 | 70-90 | 90-200 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-95 | DC-95 | 108 | 146-189 | 189-400 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-135 | DC-135 | 155 | 210-300 | 300-600 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-190 | DC-190 | 210 | 290-390 | 390-800 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-225 | DC-225 | 250 | 340-440 | 440-1200 | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-380 | DC-380 | 440 | 580-750 | 750-1800* | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-420 | DC-420 | 570 | 750-920 | 920-2000* | 1.7:1 | 18:1 | YY161 | cr | 11.45 |
| SCLF-550 | DC-550 | 605 | 800-1050 | 1050-2000* | 1.7:1 | 18:1 | YY161 | cr | 12.95 |
| SCLF-700 | DC-700 | 770 | 1000-1300 | 1300-2000 | 1.7:1 | 18:1 | YY161 | cr | 12.95 |
| SCLF-1000 | DC-1000 | 1200 | 1620-2100 | 2100-2500 | 1.7:1 | 18:1 | YY161 | cr | 12.95 |

LOW PASS
TYPICAL FREQUENCY RESPONSE



pin connections

see case style outline drawings

| | |
|--------|-------------|
| PORT | cr |
| INPUT | 1 |
| OUTPUT | 8 |
| GND | 2,3,4,5,6,7 |

991230



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