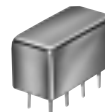


### Low Pass DC to 1000 MHz



PLP

| MODEL NO.     | PASSBAND, MHz | fco, MHz Nom. | STOP BAND, MHz |                | VSWR          |               | CASE STYLE | CONNECTION | PRICE \$ |
|---------------|---------------|---------------|----------------|----------------|---------------|---------------|------------|------------|----------|
|               | (loss < 1 dB) | (loss 3 dB)   | (loss > 20dB)  | (loss > 40 dB) | Passband Typ. | Stopband Typ. | Note B     |            |          |
| 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

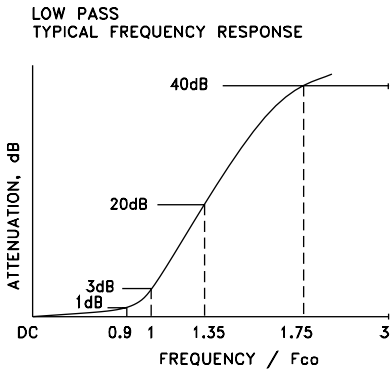
| MCL NO. | NSN              |
|---------|------------------|
| PLP-30  | 5915-01-355-9433 |
| PLP-100 | 5915-01-332-1091 |
| PLP-150 | 5915-01-389-3575 |
| PLP-300 | 5915-01-450-7011 |
| PLP-450 | 5915-01-389-8302 |

Low Pass DC to 1000 MHz



SCLF

| MODEL NO. | PASSBAND, MHz | fco, MHz Nom. | STOP BAND, MHz |                | VSWR          |               | CASE STYLE | CONNECTION | PRICE \$ (Note 2) Qty. (1-9) |
|-----------|---------------|---------------|----------------|----------------|---------------|---------------|------------|------------|------------------------------|
|           | (loss < 1 dB) | (loss 3 dB)   | (loss > 20dB)  | (loss > 40 dB) | Passband Typ. | Stopband 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                        |



pin connections  
see case style outline drawings

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