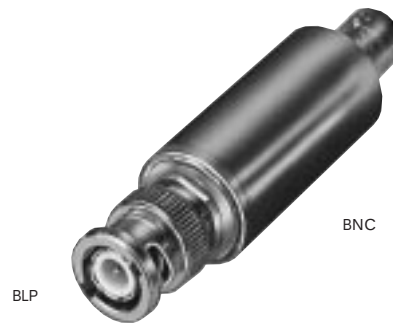


### Low Pass DC to 2700 MHz



| MODEL NO.     | PASSBAND, MHz | fco, MHz Nom. | STOP BAND, MHz |                | VSWR     |          | CASE STYLE | CONNECTOR | PRICE \$ (Note 2) |
|---------------|---------------|---------------|----------------|----------------|----------|----------|------------|-----------|-------------------|
|               | (loss < 1 dB) | (loss 3 dB)   | (loss > 20dB)  | (loss > 40 dB) | Passband | Stopband | Note B     |           |                   |
| BLP-1.9**     | DC-1.9        | 2.5           | 3.4-4.7        | 4.7-200        | 1.7:1    | 18:1     | FF55       | —         | 34.95             |
| BLP-2.5**     | DC-2.5        | 2.75          | 3.8-5.0        | 5.0-200        | 1.7:1    | 18:1     | FF55       | —         | 35.95             |
| BLP-5         | DC-5          | 6             | 8-10           | 10-200         | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-7-75    | DC-7          | 8             | 11-15          | 15-200         | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-10.7      | DC-11         | 14            | 19-24          | 24-200         | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-10.7-75 | DC-11         | 14            | 19-24          | 24-200         | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-15        | DC-15         | 17            | 23-32          | 32-200         | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-15-75   | DC-15         | 17            | 23-32          | 32-200         | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-21.4      | DC-22         | 24.5          | 32-41          | 41-200         | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-21.4-75 | DC-22         | 24.5          | 32-41          | 41-200         | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-30        | DC-32         | 35            | 47-61          | 61-200         | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-30-75   | DC-32         | 35            | 47-61          | 61-200         | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-50        | DC-48         | 55            | 70-90          | 90-200         | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-50-75   | DC-48         | 55            | 70-90          | 90-200         | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-70        | DC-60         | 67            | 90-117         | 117-300        | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-90        | DC-81         | 90            | 121-157        | 157-400        | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-100       | DC-98         | 108           | 146-189        | 189-400        | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-100-75  | DC-98         | 108           | 146-189        | 189-400        | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-150       | DC-140        | 155           | 210-300        | 300-600        | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-200       | DC-190        | 210           | 290-390        | 390-800        | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-250       | DC-225        | 250           | 320-400        | 400-1200       | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-300       | DC-270        | 297           | 410-550        | 550-1200       | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-450       | DC-400        | 440           | 580-750        | 750-1800       | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-550       | DC-520        | 570           | 750-920        | 920-2000       | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-600       | DC-580        | 640           | 840-1120       | 1120-2000      | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-600-75  | DC-580        | 640           | 840-1120       | 1120-2000      | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-750       | DC-700        | 770           | 1000-1300      | 1300-2000      | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-800       | DC-720        | 800           | 1080-1400      | 1400-2000      | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-850       | DC-780        | 850           | 1100-1400      | 1400-2000      | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| ■ BLP-850-75  | DC-750        | 850           | 1150-1490      | 1490-2000      | 1.7:1    | 18:1     | FF55       | —         | 33.95             |
| BLP-1000      | DC-900        | 990           | 1340-1750      | 1750-2000      | 1.7:1    | 18:1     | FF55       | —         | 32.95             |
| BLP-1200      | DC-1000       | 1200          | 1620-2100      | 2100-2500      | 1.7:1    | 18:1     | FF55       | —         | 32.95             |

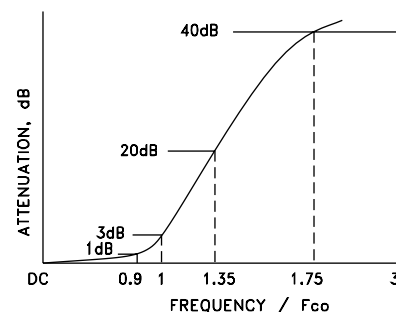
#### NSN GUIDE

| MCL NO.  | NSN              |
|----------|------------------|
| BLP-5    | 5915-01-454-6890 |
| SLP-30   | 5915-01-327-4692 |
| SLP-21.4 | 5915-01-414-9165 |

#### NOTES:

- \*\* 1dB compression at +13 dBm input power
- Denotes 75 ohm model, for coax connector models 75 ohm BNC connectors are standard.
- 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
- 2. Models are available with male/female coax connectors, for other configurations and inter-series versions consult factory. See section 0, case styles and outline drawings.

#### LOW PASS TYPICAL FREQUENCY RESPONSE



## 12.5 to 3000 MHz

TYPE N



NLP

SMA



SLP

| MODEL NO. | PASSBAND, MHz | fco, MHz Nom. | STOP BAND, MHz |                | VSWR     |          | CASE STYLE | QTY. (1-9) | PRICE \$ (Note 2) |
|-----------|---------------|---------------|----------------|----------------|----------|----------|------------|------------|-------------------|
|           | (loss < 1 dB) | (loss 3 dB)   | (loss > 20dB)  | (loss > 40 dB) | Passband | Stopband | Note B     |            |                   |
| NLP-1.9** | DC-1.9        | 2.5           | 3.4-4.7        | 4.7-200        | 1.7:1    | 18:1     | FF57       | —          | 37.95             |
| NLP-2.5** | DC-2.5        | 2.75          | 3.8-5.0        | 5.0-200        | 1.7:1    | 18:1     | FF57       | —          | 38.95             |
| NLP-5     | DC-5          | 6             | 8-10           | 10-200         | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-10.7  | DC-11         | 14            | 19-24          | 24-200         | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-15    | DC-15         | 17            | 23-32          | 32-200         | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-21.4  | DC-22         | 24.5          | 32-41          | 41-200         | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-30    | DC-32         | 35            | 47-61          | 61-200         | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-50    | DC-48         | 55            | 70-90          | 90-200         | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-70    | DC-60         | 67            | 90-117         | 117-300        | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-90    | DC-81         | 90            | 121-157        | 157-400        | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-100   | DC-98         | 108           | 146-189        | 189-400        | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-150   | DC-140        | 155           | 210-300        | 300-600        | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-200   | DC-190        | 210           | 290-390        | 390-800        | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-250   | DC-225        | 250           | 320-400        | 400-1200       | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-300   | DC-270        | 297           | 410-550        | 550-1200       | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-450   | DC-400        | 440           | 580-750        | 750-1800       | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-550   | DC-520        | 570           | 750-920        | 920-2000       | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-600   | DC-580        | 640           | 840-1120       | 1120-2000      | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-750   | DC-700        | 770           | 1000-1300      | 1300-2000      | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-800   | DC-720        | 800           | 1080-1400      | 1400-2000      | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-850   | DC-780        | 850           | 1100-1400      | 1400-2000      | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-1000  | DC-900        | 990           | 1340-1750      | 1750-2000      | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-1200  | DC-1000       | 1200          | 1620-2100      | 2100-2500      | 1.7:1    | 18:1     | FF57       | —          | 35.95             |
| NLP-1750  | DC-1500       | 1750          | 2400-3000      | 3000-6000      | 1.3:1    | 18:1     | FF57       | —          | 37.95             |
| NLP-2400  | DC-2200       | 2400          | 3150-4000      | 4000-6000      | 1.3:1    | 18:1     | FF57       | —          | 37.95             |
| NLP-2950  | DC-2700       | 2950          | 3700-4500      | 4500-6000      | 1.3:1    | 18:1     | FF57       | —          | 37.95             |
| SLP-1.9** | DC-1.9        | 2.5           | 3.4-4.7        | 4.7-200        | 1.7:1    | 18:1     | FF99       | —          | 36.95             |
| SLP-2.5** | DC-2.5        | 2.75          | 3.8-5.0        | 5.0-200        | 1.7:1    | 18:1     | FF99       | —          | 37.95             |
| SLP-5     | DC-5          | 6             | 8-10           | 10-200         | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-10.7  | DC-11         | 14            | 19-24          | 24-200         | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-15    | DC-15         | 17            | 23-32          | 32-200         | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-21.4  | DC-22         | 24.5          | 32-41          | 41-200         | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-30    | DC-32         | 35            | 47-61          | 61-200         | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-50    | DC-48         | 55            | 70-90          | 90-200         | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-70    | DC-60         | 67            | 90-117         | 117-300        | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-90    | DC-81         | 90            | 121-157        | 157-400        | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-100   | DC-98         | 108           | 146-189        | 189-400        | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-150   | DC-140        | 155           | 210-300        | 300-600        | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-200   | DC-190        | 210           | 290-390        | 390-800        | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-250   | DC-225        | 250           | 320-400        | 400-1200       | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-300   | DC-270        | 297           | 410-550        | 550-1200       | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-450   | DC-400        | 440           | 580-750        | 750-1800       | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-550   | DC-520        | 570           | 750-920        | 920-2000       | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-600   | DC-580        | 640           | 840-1120       | 1120-2000      | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-750   | DC-700        | 770           | 1000-1300      | 1300-2000      | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-800   | DC-720        | 800           | 1080-1400      | 1400-2000      | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-850   | DC-780        | 850           | 1100-1400      | 1400-2000      | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-1000  | DC-900        | 990           | 1340-1750      | 1750-2000      | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-1200  | DC-1000       | 1200          | 1620-2100      | 2100-2500      | 1.7:1    | 18:1     | FF99       | —          | 34.95             |
| SLP-1650  | DC-1400       | 1650          | 2300-2900      | 2900-6000      | 1.3:1    | 18:1     | FF99       | —          | 36.95             |
| SLP-2400  | DC-2200       | 2400          | 3150-4000      | 4000-6000      | 1.3:1    | 18:1     | FF99       | —          | 36.95             |
| SLP-2950  | DC-2700       | 2950          | 3700-4500      | 4500-6000      | 1.3:1    | 18:1     | FF99       | —          | 36.95             |