

# PRODUCT DATASHEET

PART NUMBER: C6132NL

- Diplexer 5-1002/1125-1525 MHz
- Impedance = 75 Ohms
- Surface Mount
- RoHS-Compliant

## Electrical Specifications @ 25°C

### INSERTION LOSS : CATV

|            |               |               |           |          |  |  |  |
|------------|---------------|---------------|-----------|----------|--|--|--|
| 5-1002 MHz | 1125-1525 MHz | 2300-3000 MHz | 4600 MHz  | 6000 MHz |  |  |  |
| 1.5 dB Max | 37 dB Min     | 35 dB Min     | 25 dB Min | 5 dB Min |  |  |  |

### INSERTION LOSS : MOCA

|           |             |               |               |           |          |  |  |
|-----------|-------------|---------------|---------------|-----------|----------|--|--|
| 5-42 MHz  | 42-1002 MHz | 1125-1525 MHz | 2300-3000 MHz | 4600 MHz  | 6000 MHz |  |  |
| 60 dB Min | 38 dB Min   | 2.5 dB Max    | 45 dB Min     | 25 dB Min | 5 dB Min |  |  |

### ISOLATION : (MOCA to CATV)

|           |             |               |               |           |          |  |  |
|-----------|-------------|---------------|---------------|-----------|----------|--|--|
| 5-42 MHz  | 42-1002 MHz | 1125-1525 MHz | 2300-3000 MHz | 4600 MHz  | 6000 MHz |  |  |
| 60 dB Min | 38 dB Min   | 37 dB Min     | 45 dB Min     | 25 dB Min | 5 dB Min |  |  |

### RETURN LOSS :

|            |               |  |  |  |  |  |  |
|------------|---------------|--|--|--|--|--|--|
| 5-1002 MHz | 1125-1525 MHz |  |  |  |  |  |  |
| 14 dB Min  | 10 dB Min     |  |  |  |  |  |  |

### PASSBAND SLOPE :

|             |               |  |  |  |  |  |  |
|-------------|---------------|--|--|--|--|--|--|
| 6 MHz BAND  | 50 MHz BAND   |  |  |  |  |  |  |
| 5-1002 MHz  | 1125-1525 MHz |  |  |  |  |  |  |
| 0.35 dB Max | 1.0 dB Max    |  |  |  |  |  |  |

