



Product Description

DC Blocks are used to prevent the flow of direct current and low frequency current surges along the inner and outer conductors of a transmission line, while permitting the unimpeded flow of RF signals. Applications include the blocking of current surges in subway and train tunnels.



Features/Benefits

Technical Features

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|----------------------------|---|
| Product Type | DC Block |
| Application | Outdoor |
| Frequency Range, MHz | 180-2500 |
| Number of Input Ports | 1 |
| Number of Output Ports | 1 |
| Connectors | 7-16 |
| Input Connector Type | 7-16 female |
| Output Connector Type | 7-16 female |
| Impedance, Ohm | 50 |
| Insertion Loss, dB | < 0.5 |
| VSWR (50 Ohm) | <1.38:1 (180-380MHz), <1.22:1 (380-2500MHz) |
| Intermodulation (IM3) | < -150 dBc typ. |
| Total Input Power, W | <80 |
| Max. RF Peak Power, W | <250 |
| Max. RF Peak Voltage, kV | 15 |
| Temperature Range, °C (°F) | -40 to +85 (-40 to 185) |
| Weight, kg (lb) | 0.66 (1.45) |
| Environmental Class | IP 66 |

Notes