

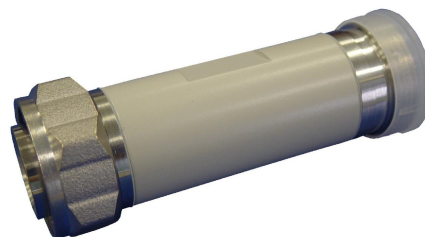
DCB0003F1V1

BROADBAND DC BLOCK

The Kaelus DCB0003F1V1 provides blocking of DC and AISG signals and allows RF to pass.

FEATURES

- Broad frequency range
- Low insertion loss
- Excellent passive intermodulation performance



TECHNICAL SPECIFICATIONS

RF PERFORMANCE	
Passband	698 - 2700MHz
Insertion loss	0.1dB maximum
Return loss	18dB minimum
Maximum input power	500W average / 2kW peak
Intermodulation products	-161dBc typical / -158dBc maximum all ports with 2 x 20W carriers

GENERAL SPECIFICATIONS	
DC voltage	± 60V maximum

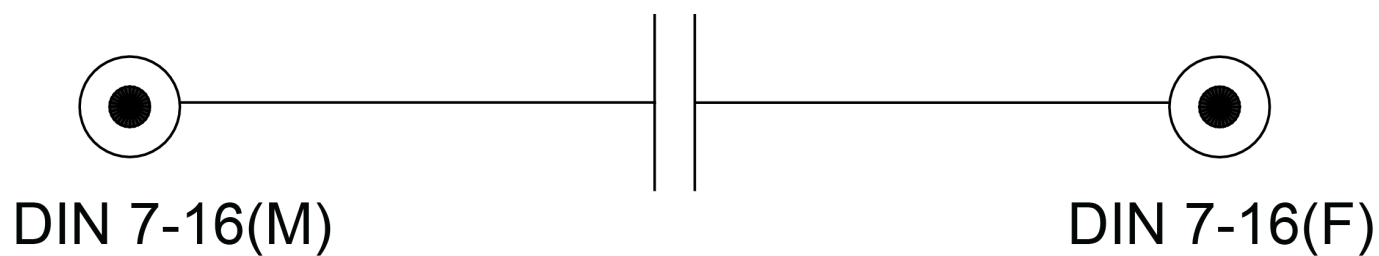
ENVIRONMENTAL	
For further details of environmental compliance, please contact Kaelus.	
Temperature range	-40°C to +65°C -40°F to 149°F maximum
Ingress protection	IP67
Lightning protection	±10 kA, 8/20µs maximum shield to body, to IEC61000-4-5 ±8 kA, 8/20µs maximum centre pin to body, to IEC61000-4-5
Connector sealing	For outdoor use Kaelus recommends that sealant tape be used to cover all connectors and body of the DC block. For details on how to seal connectors refer to the Kaelus TMA installation manual

MECHANICAL	
Finish	Painted, light grey (RAL7035)
Connectors	7-16 Male , 7-16 Female

ORDERING INFORMATION

PART NUMBER	DESCRIPTION
DCB0003F1V1	BROADBAND DC BLOCK

ELECTRICAL BLOCK DIAGRAM



MECHANICAL BLOCK DIAGRAM

