

1.2 kW - 2 kW Low-Pass Filters

- Low-pass filters for suppression of harmonics
- Compact design
- Low attenuation in passband



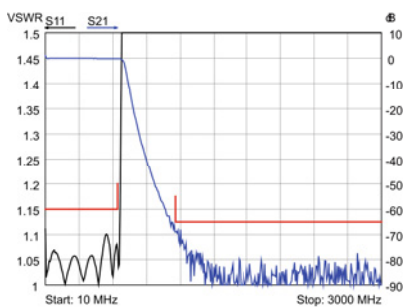
BN 616453



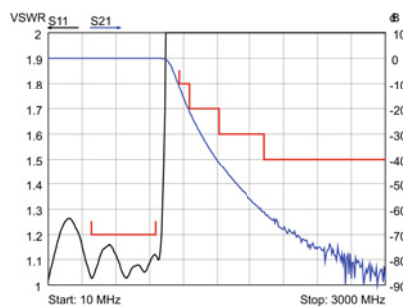
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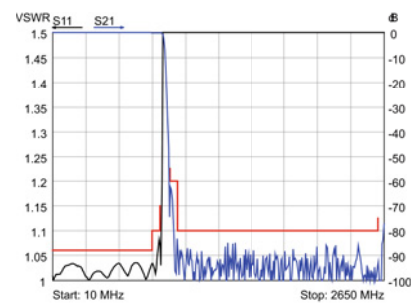
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Typical diagram



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Part Number	616453	BN 616395	BN 616452C0011
Passband	0 - 650 MHz	330 - 960 MHz	470 - 860 MHz
Average input power	200 W	≤ 1 kW	≤ 2 kW
Passband insertion loss	≤ 0.2 dB	390 - 960 MHz ≤ 0.1 dB	470 - 800 MHz ≤ 0.10 dB 800 - 860 MHz ≤ 0.18 dB
Stopband attenuation	1160MHz > 65 dB 1500MHz > 80 dB 3000MHz > 80 dB	1.170 GHz ≥ 10 dB 1.260 GHz ≥ 20 dB 1.520 GHz ≥ 30 dB 1.930 GHz ≥ 40 dB	0.94 - 1.0 GHz ≥ 60 dB 1.00 - 2.6 GHz ≥ 80 dB
VSWR (passband range)	1.15	≤ 1.2	470 - 800 MHz ≤ 1.06 800 - 860 MHz ≤ 1.10
Group delay variation	$\Delta\tau \leq 5$ ns	$\Delta\tau \leq 1$ ns	$\Delta\tau \leq 20$ ns
Proof voltage	1.5 kV	3.5 kV	470 - 800 MHz 3.5 kV 800 - 860 MHz 1.6 kV
Connectors	N-female / N-male	7-16 female / 7-16 male	7-16 female
Dimensions (L x W x H) mm	277 x 26,5 x 26,5	174 x 32 x 32	406 x 80 x 80
Weight	≈ 0.8 kg	≈ 0.6 kg	≈ 2.0 kg
Environmental conditions	For limitations see „Environmental Conditions for Broadcast Products“.		