



Lågförlustkoax Flexibel

Acome M5038Z 50 Ω 5/8"

Black Polyethylene Jacket



- 1 - Inner Conductor** : Annealed copper tube
Outer Diameter : 7.05 +/-0.10 mm
- 2 - Dielectric** : Cellular Polyethylene
Diameter : 17.2.0 +/- 0.20 mm
Eccentricity : < 2 %
- 3 - Outer Conductor**: Annularly corrugated copper tube
Diameter over outer conductor : 19.70 +/- 0.2 mm
Diameter outside bottom : 17.30 ± 0.2 mm
Section length : 6 ± 0.15 mm
- 4 - Jacket** : Black Polyethylene
Diameter : 22.50 +/- 0.30 mm

Mechanical Characteristics

Packaging : DBE 500 meters
Weight approx. : 448 kg/km
Installation temperature range : -20°C / + 60°C
Operating temperature range : -40°C / + 85°C

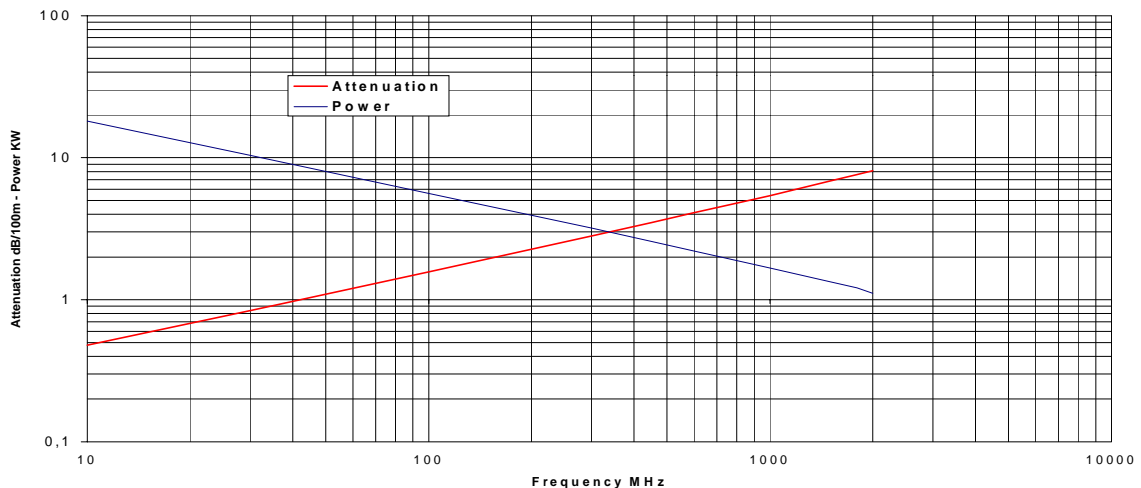
Installation Bending radius : 90 mm - Min.
Operating Bending radius: 200 mm - Min.
Tensile Strength : 1150 N - Max.

Electrical Characteristics

Impedance : 50 +/-1
Capacitance : 76.5 ± 1.5 pF/m - Typical values
Velocity : 87% - Typical values
Return Loss : **min 26 dB from 880 to 960 MHz**
min 23 dB from 1710 to 1880 MHz

Operating frequency : 6 GHz
Peak power rating : 58 KW
Operating voltage : 2.4 KV RMS
Test voltage : 4.9 KV RMS
Insulation Resistance : > 10000 M .km
DC resistance : Inner conductor : ≤ 1.53 /km
: Outer conductor : ≤ 1.05 /km

Test methods are meeting the requirements of : IEC 68 - 96 - 966



Frequency MHz	10	30	100	300	450	600	900	1000	1500	1800	2000
Attenuation dB/100 m Typical	0.48	0.84	1.57	2.81	3.5	4.1	5.1	5.42	6.85	7.6	8.1
Power (Watt) - Typical values at 40 °C ambient temperature	18100	10400	5600	3200	2570	2200	1770	1670	1340	1210	1140



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