Lågförlustkoax Flexibel

Acome M1473Z 50 Ω 1/2”

Black Polyethylene jacket

1 - Inner Conductor : Copper-clad Aluminium
Diameter : 4.80 +/-0.05 mm
2 - Dielectric : Cellular Polyethylene
Diameter : 11.90 +/- 0.20 mm
Eccentricity of inner conductor : < 2%
3 - Outer conductor : Annularly corrugated copper tube
Diameter over outer conductor : 13.70 +/- 0.2 mm
Diameter outside bottom : 12.10 +/- 0.2 mm
Section length : 5 +/- 0.15 mm
4 - Jacket : Black Polyethylene
Diameter : 16.0 +/- 0.30 mm

Mechanical Characteristics

Packaging : CBE 500 meters
Weight approx. : 250 kg/km
Installation temperature range : -25°C / +60°C
Operating temperature range : -40°C/ + 85°C
Halogen content : IEC 754-1

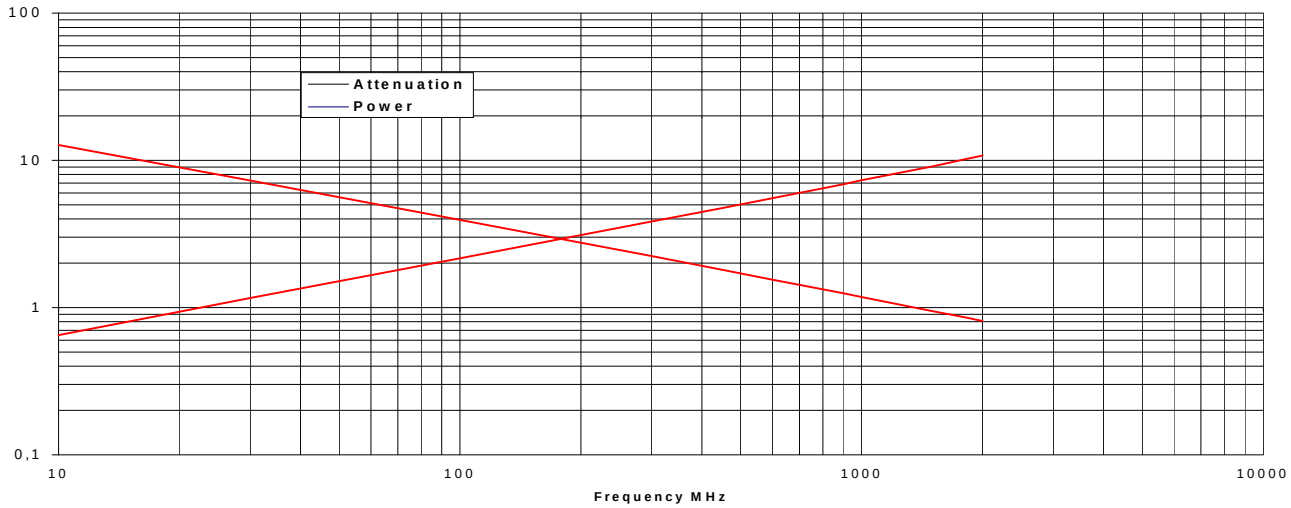
Installation Bending Radius : 70 mm - Min.
Operating Bending Radius : 125 mm - Min.
Tensile Strength : 1100 N - Max.

Electrical Characteristics

Impedance : 50 +/-1
Capacitance : 76 +/- 1.5 pF/m -
Return Loss : **mini 26 dB** from 880 to 960 MHz
mini 23 dB from 1710 to 1880 MHz
Velocity : 88% - Dieclectric constant : 1.32

Operating frequency : 8 Ghz
Peak power rating : 25.6 KW
Operating voltage : 1.6 KV RMS
Test voltage : 3.3 KV RMS
Insulation Resistance : > 10000 M .km
DC Resistance: inner conductor : ≤ 1.60 /km
: outer conductor :≤ 1.60 /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 values	0.65	1.16	2.16	3.83	4.73	5.52	6.88	7.33	9.10	10.12	10.77
Power (Watt) - 40°C ambient temperature Inner conductor : 100 °C	12700	7290	3950	2240	1810	1550	1250	1180	950	860	810

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