



## Lågförlustkoax Flexibel

**Acome M1474Z 50 Ω 7/8"**

Black Polyethylene jacket



- 1 - Inner Conductor** : Annealed copper tube  
Outer Diameter : 9.0 +/- 0.10 mm  
Inner Diameter : 7.70 +/- 0.10 mm
- 2 - Dielectric** : Cellular Polyethylene  
Diameter : 22.0 +/- 0.20 mm  
Eccentricity : < 2%
- 3 - Outer Conductor**: Annularly corrugated copper tube  
Diameter over outer conductor : 24.7 +/- 0.2  
Diameter outside bottom 22.0 +/- 0.2 mm  
Section length : 7.0 +/- 0.2 mm
- 4 - Jacket** : Black Polyethylene  
Diameter : 27.75 +/- 0.25 mm

### Mechanical Characteristics

Packaging : EBE 500 meters  
Weight approx. : 598 kg/km  
Installation temperature range : -25°C / + 60°C  
Operating temperature range : -40°C / + 85°C  
Halogen content : IEC 754-1

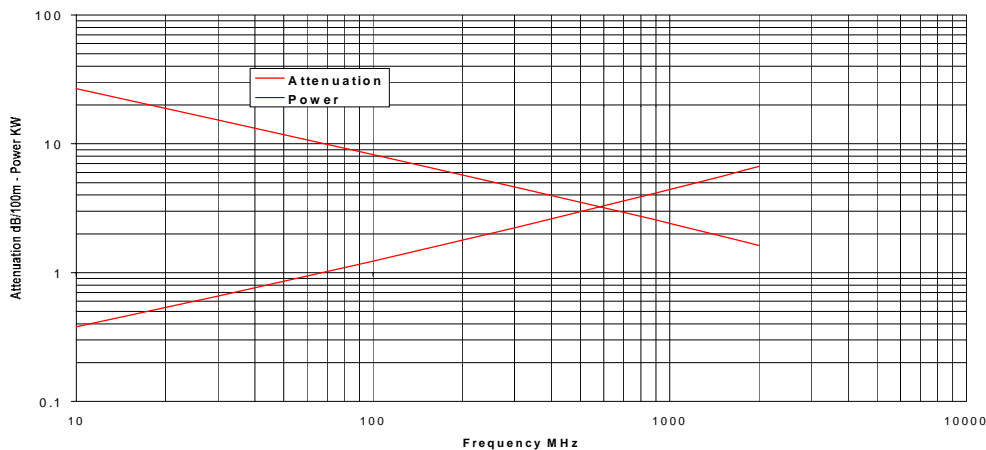
Installation Bending radius : 120 mm - Min.  
Operating Bending radius: 250 mm - Min.  
Tensile Strength : 1400 N - Max.

### Electrical Characteristics

Impedance : 50 +/- 1  
Capacitance : 76.5 +/- 1.5 pF/m  
Return Loss : **mini 26 dB** from 880 to 960 MHz  
**mini 23 dB** from 1710 to 1880 MHz  
Velocity : 87%, Dielectric constant : 1.32

Operating frequency : 5 GHz  
Peak power rating : 90 KW  
Operating voltage : 3 KV RMS  
Test voltage : 6 KV RMS  
Insulation Resistance : > 10000 M Ω.km  
DC resistance : Inner conductor : ≤ 1.00 Ω/km  
: Outer conductor : ≤ 0.85 Ω/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	0.38	0.66	1.23	2.23	2.80	3.30	4.15	4.42	5.5	6.25	6.66
Power (Watt) - 40 °C ambient temperature - Inner conductor : 100°C	26780	15320	8250	4640	3730	3190	2560	2410	1920	1730	1630

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