



## Lågförlustkoax Flexibel

**Acome M2936Z 50 Ω 3/8"**

Flame retardant Low Smoke Zero Halogen Jacket



- 1 - Inner Conductor** : Annealed copper wire  
Diameter : 3.3 +/-0.05 mm
- 2 - Dielectric** : Cellular Polyethylene  
Diameter : 8.30 +/- 0.20 mm  
Eccentricity : < 2%
- 3 - Outer Conductor** : Annularly corrugated copper tube  
Diameter over outer conductor : 9.50 +/- 0.2 mm  
Diameter outside bottom : 8.6 +/- 0.2mm  
Section length 4.0 +/- 0.05 mm
- 4 - Jacket** : Low Smoke Zero Halogen compound  
Diameter : 11.5 +/- 0.30 mm

### Mechanical characteristics

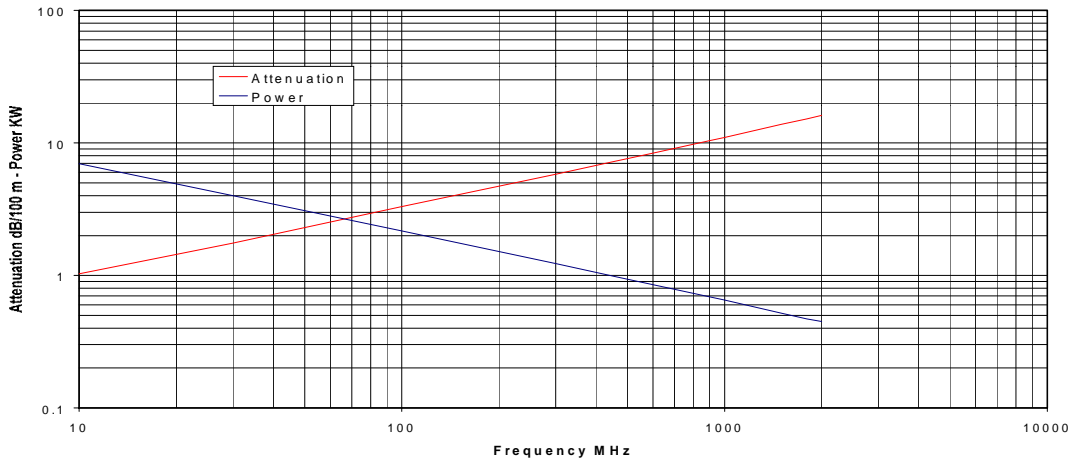
Packaging : ABE 500 meters  
Weight approx. : 204 kg/km  
Fire resistant : IEC 332-1 - IEC 332-3A  
Smoke toxicity : IEC 754-2 / NFC 20-454  
Smoke density : IEC 1034

Installation Bending Radius : 50 mm - Min.  
Operating Bending Radius : 120 mm - Min.  
Tensile Strength : 700N - Max  
Installation temperature range : -25°C / + 60°C  
Operating temperature range : -40°C / + 85°C

### Electrical characteristics

Impedance : 50 +/-1  
Capacitance : 78 +/- 1.5 pF/m  
Return Loss : **mini 26 dB** from 880 to 960 MHz  
**mini 23 dB** from 1710 to 1880 MHz  
Velocity:86%, Dielectric constant:1.35, typical values  
*Test methods are meeting the requirements of IEC 68 - 96 - 966*

Operating frequency : 12 GHz  
Peak power rating : 12.8 KW  
Operating voltage : 1.13 KV RMS  
Test voltage : 2.3 KV RMS  
Insulation Resistance : > 10000 M .km  
DC Resistance: inner conductor : ≤ 2.1 /km  
: outer conductor : ≤ 2.2 /km



Frequency MHz	10	30	100	300	450	600	900	1000	1500	1800	2000
Attenuation dB/100 m typical values	1.03	1.75	3.30	5.80	7.20	8.40	10.4	11.0	13.8	15.2	16.15
Power (Watt) - 40°C ambient temperature Inner conductor : 100 °C	6960	4000	2170	1230	990	850	690	650	520	470	450



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