



Lågförlustkoax Flexibel

Acome M2938Z 50 Ω 1-1/4"

Flame retardant Low Smoke Zero Halogen Jacket



- 1 - Inner Conductor** : Annealed copper tube
Diameter : 13.0 ± 0.1 mm
- 2 - Dielectric** : Cellular Polyethylene
Diameter : 32.0 ± 0.20 mm
Eccentricity : < 4%
- 3 - Outer Conductor** : Annularly corrugated copper tube
Diameter over outer conductor : 35.7 ± 0.3 mm
Diameter outside bottom : 32.0 ± 0.3 mm
Section length : 8.0 ± 0.2 mm
- 4 - Jacket** : Low Smoke Zéro Halogen compound
Diameter : 39.5 ± 0.5 mm

Mechanical characteristics

Packaging : GBE 500 mètres
Weight approx. : 1070 kg/km
Fire resistance : IEC 332-1 / IEC 332-3A
Smoke toxicity : IEC 754-2 / NFC 20-454
Smoke density : IEC 1034

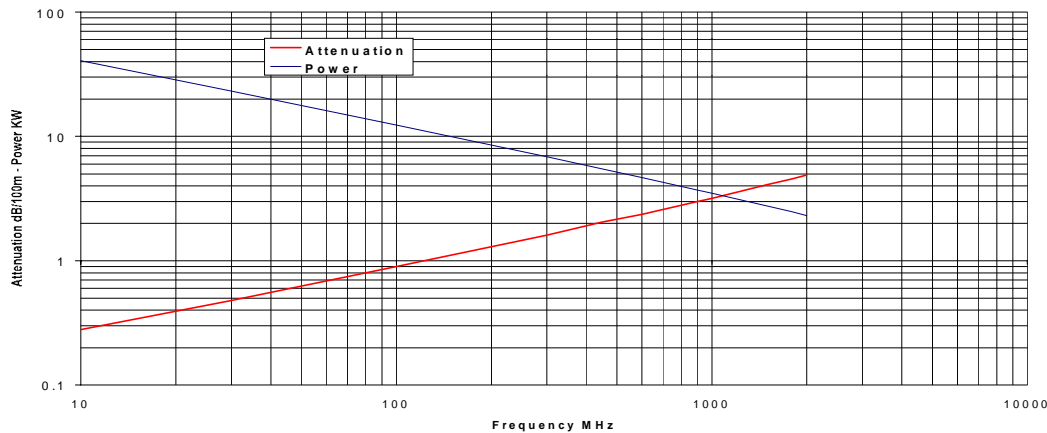
Installation Bending Radius : 200 mm - Min.
Operating Bending Radius : 500 mm - Min.
Tensile Strength 1700 N - Max.
Installation temperature range : $-25^{\circ}\text{C} / +60^{\circ}$
Operating temperature range : $-40^{\circ}\text{C} / +85^{\circ}\text{C}$

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 : 87%, Dielectric constant:1.32

Operating frequency : 3 GHz
Operating : 4.3 KV RMS
Peak power rating : 181 KW
Test voltage : 8 KV RMS
Insulation resistance : > 10000 M .km
DC Resistance : inner conductor : ≤ 0.76 /km
outer conductor : ≤ 0.6 /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	0.28	0.48	0.90	1.61	2.05	2.37	3.00	3.17	4.10	4.57	4.90
Power (Watt) - 40°C ambient temperature Inner conductor : 100°C	40610	23140	12350	6850	5480	4670	3710	3490	2750	2470	2310



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