



Lågförlustkoax Superflexibel

Acome M2933Z 50 Ω 3/8"

Black Polyethylene Jacket



- 1 - Inner Conductor** : Copper-clad aluminum
Diameter : 2.8 ± 0.05 mm
- 2 - Dielectric** : Cellular Polyethylene
Diameter : 6.9 ± 0.20 mm
Eccentricity : < 2%
- 3 - Outer Conductor** : Hellically corrugated copper tube
Diameter over outer conductor : 9.6 ± 0.2 mm
Diameter inside bottom : 6.50 ± 0.20 mm
Section length : 2.75 ± 0.10 mm
- 4 - Jacket** : Black Polyethylene
Diameter : 10.80 ± 0.2 mm

Mechanical characteristics

Packaging : ABE 500 meters
Weight approx. : 163 kg/km
Installation temperature range : - 25°C / +60 °C
Operating temperature range : - 40°C / + 85°C
Halogen content : IEC 754-1

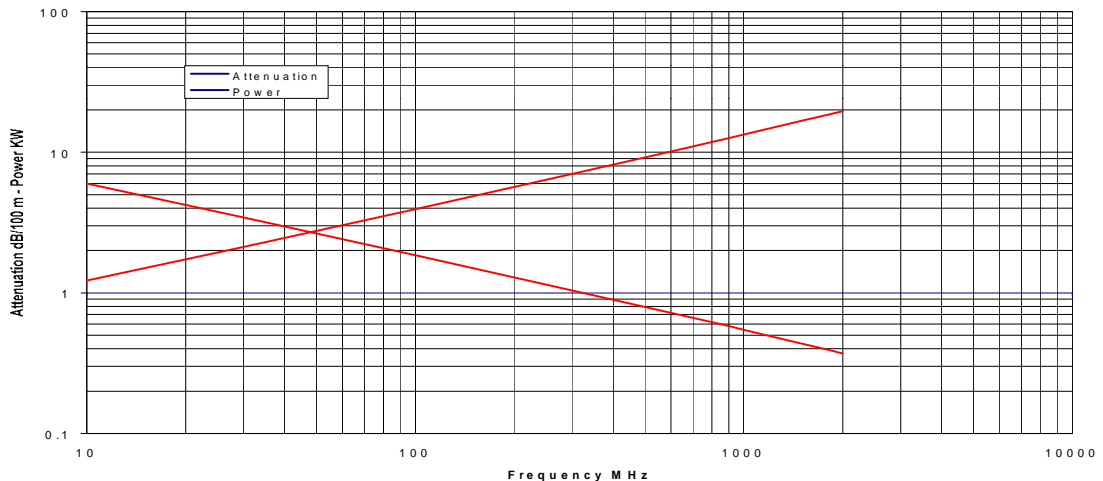
Installation Bending Radius : 30 mm - Min.
Operating Bending Radius : 45 mm - Min
Tensile Strength : 250 N - Max.
Bending moment : 3.4 Nm

Electrical characteristics

Impedance : 50 ± 1.5
Capacitance : 80 ± 1.5 pF/m
Return Loss : **mini 26 dB** from 880 to 960 MHz
mini 23 dB from 1710 to 1880 MHz
Velocity 83%, Dielectric constant 1.45

Operating frequency : 12 GHz
Peak power rating : 8.6 KW
Operating voltage : 0.9 KV RMS
Test voltage : 2 KV RMS
Insulation resistance : > 10000 M .km
DC Resistance: inner conductor : ≤ 2.90 /km
: outer conductor : ≤ 2.75 /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	1.22	2.12	3.95	7.0	8.70	10.15	12.60	13.35	16.70	18.50	19.60
Power (watt) - Typical values at 40°C ambient temperature	6000	3440	1850	1040	840	720	580	545	435	395	370

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