



Lågförlustkoax Flexibel

Acome M2832Z 50 Ω 7/8"

Flame retardant Low Smoke Zero Halogen 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 mm
Diameter outside bottom : 22.0 +/- 0.2 mm
Section length : 7.0 +/- 0.2 mm
- 4 - Jacket** : Low Smoke Zero Halogen Compound
Diameter : 27.75 +/- 0.25 mm

Mechanical Characteristics

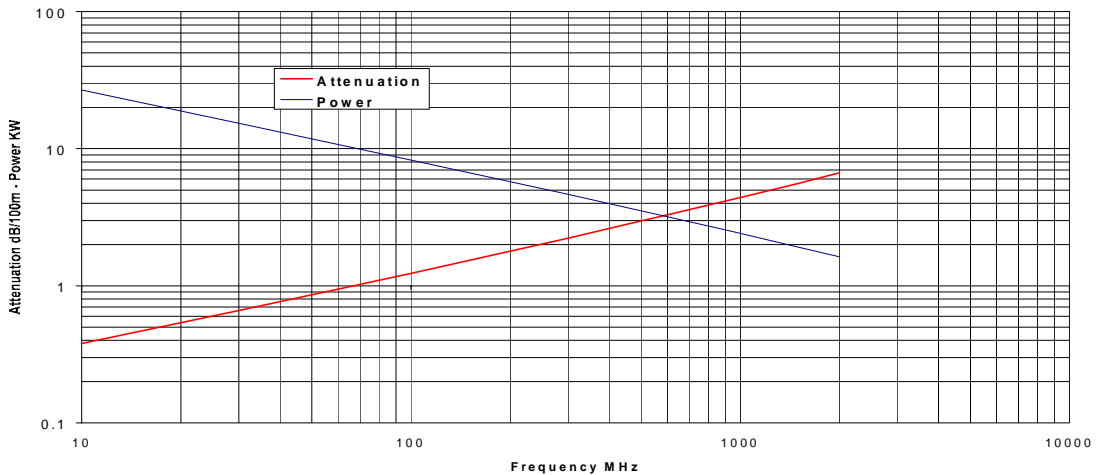
Packaging : EBE 500 meters
Weight approx. : 650 kg/km
Fire Resistant : IEC 332-1 / IEC 332-3A
Smoke toxicity : IEC 754-2 / NFC 20-454
Smoke density : IEC 1034

Installation Bending radius : 120 mm - Min
Operating Bending radius: 250 mm - Min
Tensile Strength : 1400 N - Max
Installation temperature range : -25°C / + 60°C
Operating temperature range : -40°C / + 85°C

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
Test methods are meeting the requirements of : IEC 68 - 96 - 966

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



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	5.59	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



Mediavägen 4C
135 48 TYRESÖ

Tel: 08-712 00 60
Fax: 08-742 84 21

E-Mail: info@radiomaster.se
Web: www.radiomaster.se