

VCA-VJ23

Ultra Low Loss & Phase Stable

Features:

- * Low Insertion Loss
- * High Phase Stability
- * mmWave
- * High Frequency

Applications:

- * Phased-array Radar
- * Satellite Communication
- * Avionics



Electrical

Frequency:	DC~65GHz
VSWR:	1.5 max@65GHz
Impedance:	50Ω
Velocity of Propagation:	77%

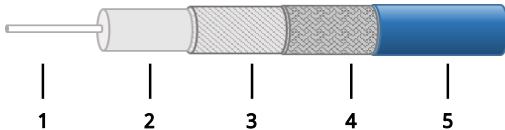
Mechanical

Static Bending Radius:	3.3mm
Connector:	1.85mm stright(M)

Environmental

Temperature: -65~+165°C

Construction



No.	Name	Material
1	Center Conductor	Silver-plated copper-clad steel
2	Dielectric	LD-PTFE
3	Inner Conductor	Silver-plated copper, wrappet Foil
4	Outer Conductor	Silver-plated copper braid
5	Jacket	FEP, 2.34mm±0.1mm

Attenuation & Power Handling

Frequency (GHz)	18	26.5	40	50	65
Attenuation(dB/m)	3.00	3.70	4.65	5.27	6.11
Average Power(W)	35	29	23	21	18

HowToOrder

VCA-X-VJ23-Y-Z

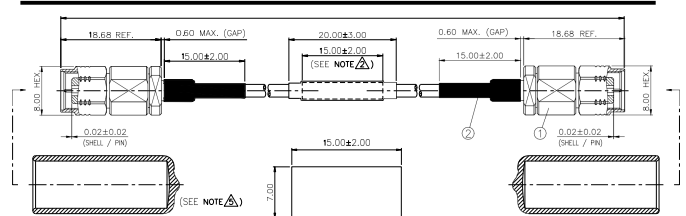
X: Connector type

Y: Frequency in GHz

Z: Length in meters

Flexible RF Cables & Assemblies

Outline Drawing



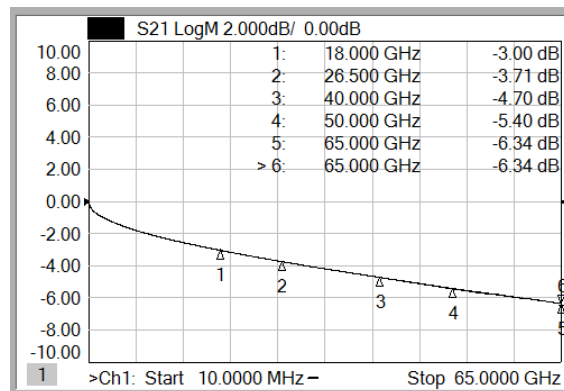
NOTES:

- CONNECTORS AND CABLE TO BE CLEANED BEFORE ASSEMBLY.
- LABEL IN MIDDLE OF THE CABLE.
- △ REPRESENTS A CRITICAL DIMENSION.
- PARTS TO BE INDIVIDUAL PACKAGING; ONE PIECE EACH OF THE COMPONENTS IN ONE BAG.
- PROTECTION CAP MUST BE INSTALLED BEFORE PACKING.

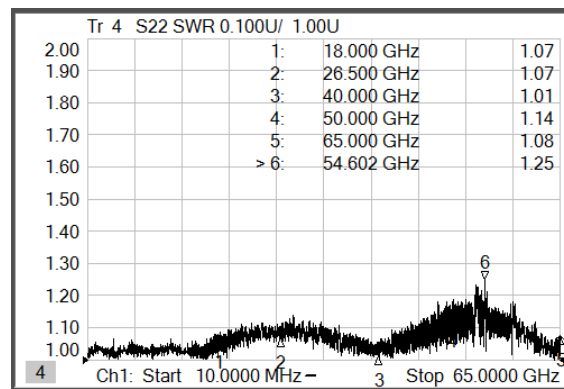
Units: mm, unless indicated otherwise

Testing Report

Typical Performance Cable length: 3.94 inch



Insertion Loss



VSWR