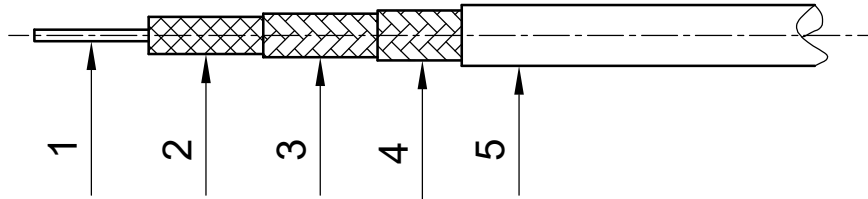


REV	Revision Note	DATE	DRAWN	APPROVED



Structure Parameter

Item	Material	Diameter
1.Inner Conductor	Silver Plated Copper	0.51
2.Dielectric	PTFE	1.63
3.Inner Shielding	Silver plated copper tape	
4.Outer Shielding	Silver plated copper braid	2.18
5.Jacket	FEP blue	2.65

Mechanical Data

Item	Data
Min. Bend Radius (single)	13mm
Min. Bend Radius (Repeated)	26mm
RoHS	OK
Operating Temp.	-55~125
Weight	20 Kg/Km

Electrical Data

Item	Data
Impedance	50Ω
Shielding Effectiveness	90dB
Velocity	70%
Operating Frequency	26.5 GHz
Cut-off Frequency	61 GHz
Max. Working Voltage	0.5KVrms
Mechanical Phase Stability	±5°
Amplitude Stability	0.2dB

Attenuation And Power @40 and Sea Level

Frequency (GHz)	Attenuation (dB/m)	Power (CW)
1	0.628	119
3	1.137	66
8	1.979	38
10	2.254	33
12.4	2.56	29
18	3.204	23
26.5	4.072	18



TITLE:
RG405

PART No.	9B400000515		REF. P/N		A
GENERAL TOLERANCE			Designed	Z.J.Dong	SCALE
>120~400	±1.0	Ang	±1°	Checked	Z.J.Dong
>30~120	±0.6	UNITS: mm		Approved	ZB.Bai
>6~30	±0.4			Date	2025.05.07
0.5~6	±0.2			REV	A