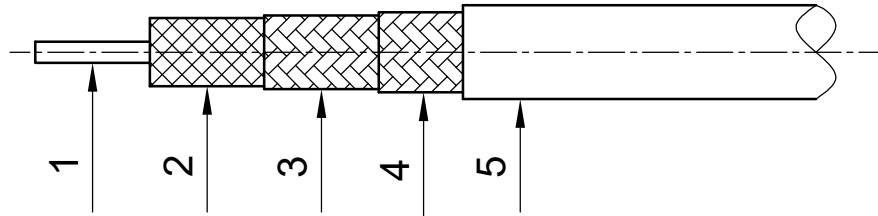


REV	Revision Note	DATE	DRAWN	APPROVED



**Structure Paramerer**

Item	Matrial	Diameter
1.Inner Conductor	Silver Plated Copper	0.92
2.Dielectric	PTFE	2.98
3.Inner Shielding	Silver plated copper tape	
4.Outer Shielding	Silver plated copper braid	3.50
5.Jacket	FEP blue	4.10

**Mechanical Data**

Item	Data
Min. Bend Radius (single)	20mm
Min. Bend Radius (Repeated)	40mm
RoHS	OK
Operating Temp.	-55~125
Weight	41 Kg/Km

**Electrical Data**

Item	Data
Impedance	50Ω
Shielding Effectiveness	90dB
Velocity	70%
Operating Frequency	26.5 GHz
Cut-off Frequency	34 GHz
Max. Working Voltage	1.5KVrms
Mechanical Phase Stability	±5°
Amplitude Stability	0.2dB

**Attenuation And Power @40 and Sea Level**

Frequency (GHz)	Attenuation (dB/m)	Power (CW)
1	0.376	290
3	0.693	157
8	1.235	88
10	1.416	77
12.4	1.619	67
18	2.053	53
26.5	2.647	41

		TITLE: RG402		
		PART No.	9B400000516	REF. P/N
GENERAL TOLERANCE		Designed	ZJ.Dong	A SCALE FIT
>120~400	±1.0	Ang	±1°	Checked
>30~120	±0.6	UNITS: mm		ZJ.Dong
>6~30	±0.4		Approved	ZB.Bai
0.5~6	±0.2		Date	2025.05.07