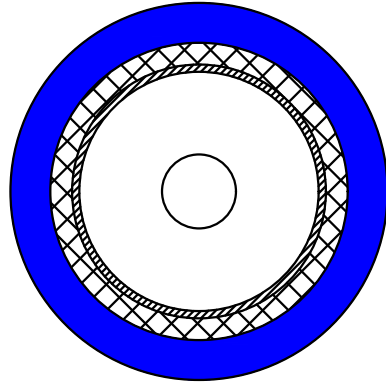
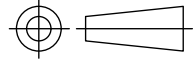


UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN MM

THIRD ANGLE  
PROJECTION



**Electrical parameters:**

1. Impedance :  $50 \pm 2$  ohms
2. Capacitance :  $95 \pm 5$  pF/m
3. Velocity of propagation:  $70 \pm 2\%$
4. Max VSWR(Max. 10MHz to 40GHz): 1:1.35
5. Operating voltage(Max.): 1.5KVrms
6. Shielding effectiveness@18GHz: >90dB
7. Attenuation (dB/meter )

Frequency	Typical	Guaranteed
1.0 GHz	0.72	0.83
3.0 GHz	1.28	1.45
5.0 GHz	1.67	1.85
10.0 GHz	2.42	2.66
18.0 GHz	3.34	3.61
26.5 GHz	4.14	4.47
40.0 GHz	5.24	5.58

**Construction:**

1. Center conductor:  $\varnothing 0.51$ mm nom., Silver plated copper
2. Dielectric:  $\varnothing 1.65 \pm 0.03$ mm, Solid PTFE
3. Inner shield:  $\varnothing 1.75 \pm 0.03$ mm, helically overlapped flat silver plated copper
4. Braid shield:  $\varnothing 2.15 \pm 0.10$ mm, 40AWG Silver plated copper braiding, Min.coverage 90%
5. Jacket:  $\varnothing 2.60 \pm 0.10$ mm, FEP ,Colour: Blue

**Physical characteristics:**

1. Min static bend radius: 17.8mm
2. Operation temperature:  $-50^{\circ}\text{C} \sim +105^{\circ}\text{C}$
3. Max Weight: 22.0g/m
4. Compliant with RoHS(2011/65/EU)

				DRAWN KY	CARL	DATE	2018/11/20				
				CKD.BY	JGAN	DATE	2018/11/20				
A	INITIAL RELEASE	J.G	2021/05/27	ENG.APPR.		DATE		TITLE	24AWG ( 1/0.51 ) SPC Solid PTFE , Low loss microwave coaxial		
REV.	DESCRIPTION	APPR.BY	DATE	DWG.NO.	16701086						
REVISION HISTORY				SCALE	NTS	SIZE	A4	REV.	A	SHEET	1 OF 1



三元科技（深圳）有限公司  
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