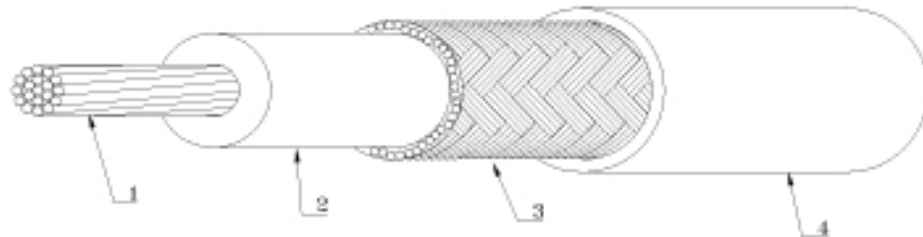


## I – Scope

This specification presents a FEP jacketed COAXIAL cable AWG32, 1.13 mm O.D.for internal wiring of electronic equipment, such as Computer / Notebook with wireless communication systems. This specification covers UL recognized Appliance Wiring Material [UL1745 : 90°C, 30V] under File No. E45046 and Category No. AVL2.

## II – Construction



Item	Unit	Details
1-Inner Conductor	Material	- Silver Plated Copper
	Composition	No./mm AWG32 or 7 x 0.079
	Nom. O.D.	mm 0.237
2-Dielectric	Material	- Extruded PTFE
	Nom. O.D.	mm 0.68
	Color	- Natural
3-Outer Conductor	Material	- Silver Plated Copper
	Composition	- Braided Shield AWG44
	Approx. O.D.	mm 0.90
5-Outer Jacket	Material	- Extruded FEP
	O.D. (mm)	mm 1.13±0.05
	Color	- black Light Grey

## III – Characteristics

Item	Unit	Nom. Value
Inner Conductor resistance @20°C	Ω/km	525
Characteristic Impedance	Ω	50±2
Capacitance	PF/m	98
Max. Attenuation (dB/m)	@ 1.00 GHz	1.8
	@ 2.45 GHz	3.0
	@ 5.20 GHz	4.6
	@ 5.80 GHz	5.0
Temperature Rating	°C	150
Approx. Weight	g/m	3.15