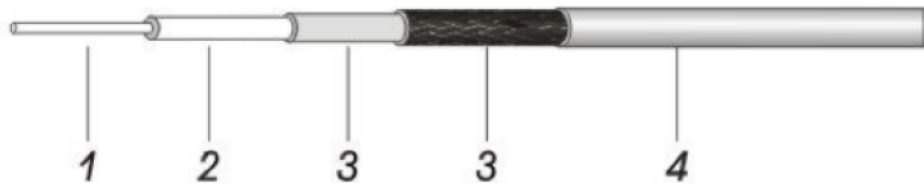


KSR400



Construction Specification

	Material	Diameter(mm)
1. Inner Conductor	Solid Copper	2.74
2. Dielectric	Physical Foam Polyethylene	7.24
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	8.13
4. Jacket	Black PVC or Polyethylene	10.29

Electrical Characteristics

Capacitance(pF/m)	77.1
Impedance(ohm)	50
Velocity(%)	85
Inner Conductor DC Resistance(Ω /km)	2.92
Outer Conductor DC Resistance(Ω /km)	5.41
Shielding Effectiveness(dB)	>90
VSWR \leq (Return loss \geq dB)	
5-3000MHz	1.20 (20)
800-1000MHz	1.10 (26)
1700-2000MHz	1.15 (23)
2000-2400MHz	1.15 (23)

Mechanical and Environmental Characteristics

Min. Bend Radius(mm)	51
Storage Temp.($^{\circ}$ C)	-40to+80
Installation Temp. ($^{\circ}$ C)	-40to+80
Operating Temp. ($^{\circ}$ C)	-40to+80

Attenuation and Avg. Power(20 $^{\circ}$ C)

Frequency(MHz)	Attenuation(\pm dB/100m)	Avg. Power(KW)
30	2.20	2.91
50	2.90	2.21
150	5.00	1.28
220	6.10	1.05
450	8.90	0.72
900	12.80	0.50
1500	16.80	0.38
1800	18.60	0.34
2000	19.60	0.33
2500	22.20	0.29
3000	24.80	0.26
5800	35.50	0.18