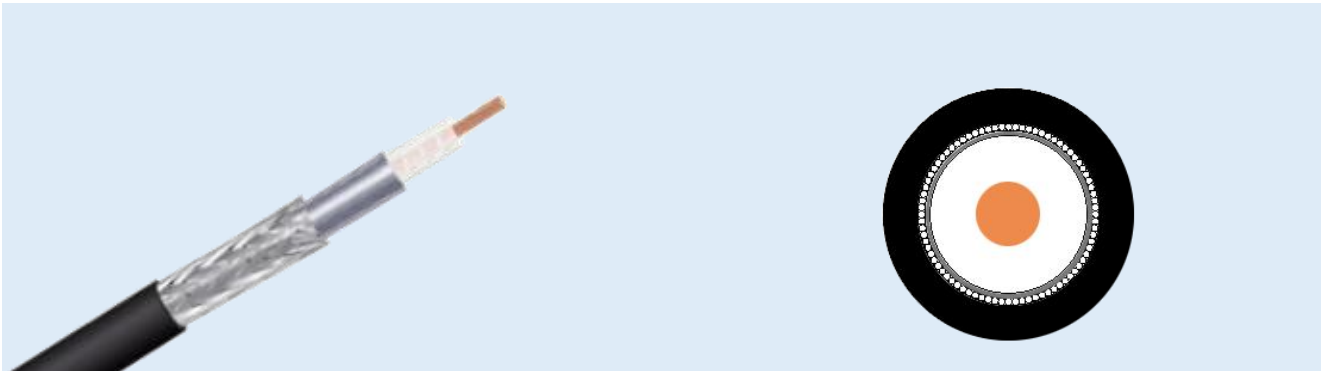


RTK-044



Application

Application of automobiles and sensors Bus System, Multimedia player, Rearview camera system

Technical Data

Reference standard: ISO19642
 Temperature range: -40 to 105°C
 Bending radius: $5 \times \text{O.D. (Static)}$

Construction	Material	Diameter (mm)
Conductor:	Bare Copper, Copper Alloy	0.88 ± 0.01
Insulation:	Foamed Polypropylene	2.55 ± 0.08
Shielded:	Al-Pet	$\geq 115\%$
Braiding:	Tinned copper	$0.10 \pm 0.008 \times 112$
Jacket:	PVC	3.60 ± 0.2

Transmission Performance

Characteristic Impedance: $50 \pm 3 \Omega$

Insertion Loss:

Frequency (MHz)	50	100	200	240	400	500
Limit (dB/m)	0.10	0.14	0.20	0.22	0.28	0.31

Frequency (MHz)	800	1000	1500	2000	2500	3000
Limit (dB/m)	0.40	0.46	0.56	0.65	0.73	0.81

Frequency (MHz)	4000	5000	6000
Limit (dB/m)	0.95	1.09	1.21