

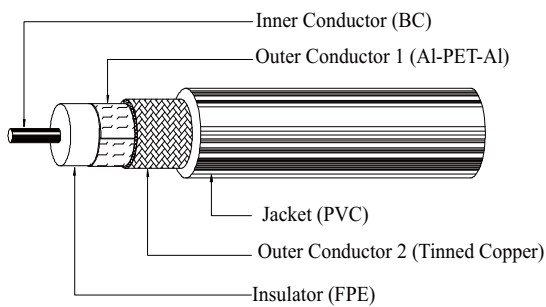
RTK 031



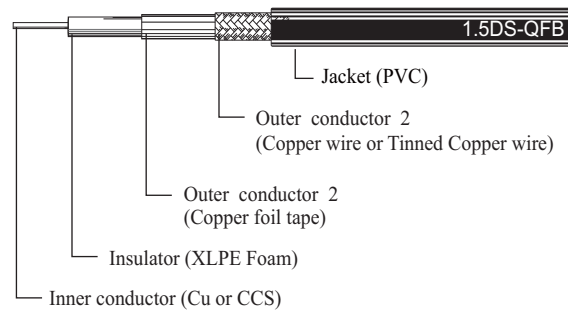
Application

TV, radio, or phone receivers on automobile; Car navigation system (GPS); Wiring inside telecommunications and electronic equipment such as portable phone.

RTK-031



1.5DS-QFB / 2.5DS-QFB / 3.5D-QFB



- Temperature range: -40 °C to 105 °C

- Flame retardancy: IEC 60332-1, 60332-3

- Jacket: PVC/LSZH/PUR

Model	RTK-031	1.5DS-QFB	2.5DS-QFB	3.5D-QFB		
Inner conductor: wires/conductor dia.(mm)	7 x 0.27	7 x 0.20	7 x 0.32	1 x 1.2		
Insulator dia. (mm)	2.1	1.6	2.7	3.5		
Outer conductor 1 (>100%)	AL/PET/AL	Copper Foil	Copper Foil	Copper Foil		
Outer conductor 2	0.1 x 16 x 7	0.10 x 16 x 5	0.08 x 16 x 10	0.14 x 16 x 5		
Outer dia. (mm)	3.2±0.1	3.0±0.2	3.8±0.3	5.6±0.3		
Electrical properties	Max. Conductor resistance (Ohm/km)	48	85	33.3	15.9	
	Capacitance at 1 kHz (nF/km)	85±4	89±4	86±4	86±4	
	Characteristic impedance (Ohm)	50±2	50±2	50±2	50±2	
	Std. attenuation (dB/km)	800 MHz	437	590	420	310
		900 MHz	453	630	450	330
		1500 MHz	605	830	560	440
		1900 MHz	684	950	660	510
		2300 MHz	757	1060	760	570
		2500 MHz	797	1110	800	600
3000 MHz		881	--	--	--	
5800 MHz	--	1790	1260	1030		