



00100ZFD7ZMXXX

Cable Assembly

**3GHz 50Ω Fakra(P) Z Code-
Fakra(J) Z Code for RTK-031
Cable Assembly**

Features

- ✓ High Repeatability
- ✓ Low VSWR



Electrical Specifications

Frequency	DC-3GHz
Impedance	50Ohm
VSWR	1.5:1(Max.)
Connection 1	Fakra Plug Z Code
Connection 3	Fakra Jack Z Code

Material

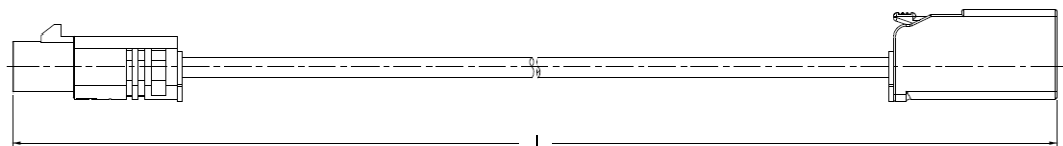
Part	Material	Plated
1.Cable		
RTK031		Black
2.Fakra Connector		
Housing	Thermpplastic UL94V-0	
Center Pin	Brass	Gold
3.Fakra Connector		
Housing	Thermpplastic UL94V-0	
Center Pin	Cu-Ni-Si Alloy	Gold
Insulator	PBT	
4.Heat Shrink Tube		Black

Mechanical

Durability	25 Cycles
Fakra Connector	
Connector Insertion Force	25N Max.
Disengagement Force	2N Min.
Retention Force Latch	110Dingn Min.
Coding Efficiency	80N Min.

Outling Drawing (Unit:mm)

DIMENSIONS	TOLERANCES
0.5~10mm	±0.2
11~100mm	±5.0
101~500mm	±10.0
501~1000mm	±15.0
1001~2000mm	±20.0
2000~5000mm	±50.0





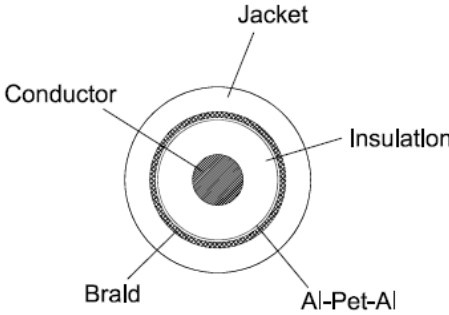
Wake up your further dream.



3GHz RTK031 Flexible Coaxial Cable Physical Characteristics

Center Conductor	Construction Size	7/0.27mm Bare Copper Wire
Insulation	Diameter	2.1±0.10 mm FOAM-PE
Braid Shield	Construction	16/6/0.10 mm
	Coverage	90%
	Diameter	Tinned Plated Copper
Jacket	Overall Diameter	3.3±0.15mm PVC(Black)

3GHz RTK031 Flexible Coaxial Cable Electrical Characteristics

Impedance	50 ± 5ohms	
Capacitance	87±1 pf/m	
Conductor Resistance	55.4 ohms/KM(max.)	
Operating Temperature	-40~+105°C	
Max Frequency	3GHz	
Maximum Attenuation(dB/M) @ 	0.8GHz	0.481
	1.0GHz	0.538
	1.5GHz	0.666
	2.0GHz	0.776
	2.2GHz	0.814
	2.5GHz	0.877
	3.0GHz	0.970