

FAKRA Series

Specifications

Electrical		
Impedance		50 ohm
Frequency Range		0 - 4 GHz
Working Voltage		RG-178: 250 VRMS max.
		RG-316 , .085": 335 VRMS max.
Dielectric Withstanding Voltage		RG-178: 750 VRMS min.
		RG-316 ,.085": 1000 VRMS min
VSWR	Straight	1.3 max.
	Right Angle	1.5 max.
Contact Resistance	Center Contact	20 Milliohms max.
	Outer Contact	10 Milliohms max.
Insulator Resistance		1000 Megohms min.

Material		
Parts Name	Material	Finish
Plastic Housing	PA66 w/ 15% Glass Fiber	See Coding Color
Body, Metal Parts	Brass per QQ-B-626	Nickel 70 micro-inches
Center Contacts	Male: Brass per QQ-B-626	Gold 30 micro-inches
	Female: Beryllium copper per QQ-C-530	Gold 30 micro-inches
Insulators	Teflon	None
Crimp Ferrules	Annealed Brass	Nickel 70 micro-inches

NOTE:Other Material/Finish is Available on Request.

Mechanical & Environmental	
Engagement Force	25N. max.
Disengagement Force	2N. min.
Contact Retention	4 lbs. min.
Durability (Mating)	25 cycles min.
Temperature Range	-40° C to 105° C
Vibration	MIL-STD-202 Method 204 Test Cond.B.
Salt Spray	MIL-STD-202 Method 101 Test Cond.B.
Thermal Shock	MIL-STD-202 Method 107 Test Cond.B.