

# SYNERGY TELECOM PVT. LTD

( FAKRA FEMALE RG316 -174 CRIMP CONNECTOR )



## Electrical

Characteristic Impedance	50 ohm
Typical Frequency Range	DC-4GHz
VSWR	$\leq 1.35 @ DC-1GHz$
Dielectric Withstanding Voltage	1000V RMS,50Hz,at sea level
Working Voltage	335V RMS,50Hz,at sea level
Dielectric Resistance	$\geq 1000M\Omega$
Contact Resistance	Center Contact $\leq 6m\Omega$ Outer Contact $\leq 1m\Omega$

## Mechanical

Durability	Mating Cycles $\geq 500$
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## Material and Plating

	Material	Plating
Body	Brass	Ni
Insulator	PTFE(Teflon)	—
Center conductor	Phosphor copper	Au
Resilient contact	Beryllium bronze	Ni
Ferrule	Annealed copper	Ni
Housing	Nylon(PA66)	—
Lock	PBT	—

## Environmental

Operating Temperature Range	$-40^{\circ}C \sim +85^{\circ}C$
RoHs Compliant	Yes

Notes: Colors: A(black),B(white),C(blue),D(wine red),E(green),F(brown),G(grey),H(purplish red)  
I(yellow),K(coffee yellow),L(kelly),M(orange pink),N(light green),Z(water blue)