



## RG-217 A/COAXIAL CABLE 50 Ohm

Sr. No.	Parameter	Description	Unit	Specified Value
1	Conductor	Material	-----	Annealed Bare Copper
		Diameter	mm	2.69 +/- 0.10
		No. of strands	Nos.	1
2	Insulation	Material	-----	PE
		Diameter	mm	9.40 +/- 0.3
		Colour		Natural
		No of Core		01
3	1st Shield/Braiding	Material	-----	Annealed Bare Copper
		No. of strands	Nos.	10
		No of carriers	Nos.	24
		Braid wire size	mm	0.160 (nom)
4	2nd Shield/Braiding	Material	-----	Annealed Bare Copper
		No. of strands	Nos.	8
		No of carriers	Nos.	24
		Braid wire size	mm	0.160 (nom)
5	Wrapping	Material		Polyester Tape
		Coverage		100%
6	Outer Sheathing	Material	-----	PVC (RoHS)
		Diameter	mm	13.8 +/-0.50
		Colour	-----	Black
7	Electrical Requirement	Impedance	$\Omega$	50+/- 1
		Insulation Resistance	M $\Omega$ -Km	>20000
		High Voltage Test for	kv rms/5 minutes	10
		Tensile Strength (Sheath)	N/Sq.mm (min)	12.5
		Elongation (Sheath)	% (min)	150
		Power Rating	Watt	1KW
		Voltage Rating	Volt	1 kv
		Life Cycle	Years(Approx)	25
		Capacitance	Pf/mtr(Nom)	100
		Attenuation (max) at 50MHz		
		At 100 MHz	dB/100 ft	1.4
		At 200 MHz	dB/100 ft	2.0
		At 300 MHz	dB/100 ft	2.6
		At 400 MHz	dB/100 ft	3.0
		Max Operating frequency		5 GHz

WZ-47, BASEMENT, BUDDHELLA VILAGE VIKAS PURI NEW DELHI - 110018

PH:- 011-28533349, MOB:- 91-7217885948, FAX:- 011-28533349

EMAIL:- INFO@SYNERGYTPL.COM, WEBSITE:- WWW.RFCONNECTOR.IN