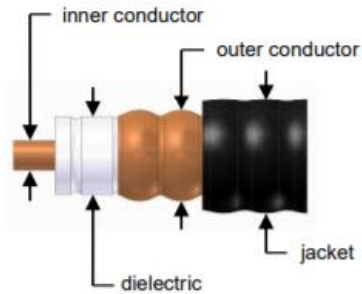


SRFS TELEINFRA

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1-1/4 COAXIAL CABLE



DIMENSION / MATERIAL	
Inner conductor	Ø 13.00 ±0.10 mm Ø 0.52 ±0.004 in Smooth copper tube
Dielectric	Ø 32.80 ±0.40 mm Ø 1.29 ±0.016 in Physically foamed PE
Outer conductor	Ø 35.80 ±0.30 mm Ø 1.40 ±0.012 in Ring corrugated Copper
Jacket	Ø 38.80 ±0.30 mm Ø 1.07 ±0.012 in PE black
Mechanical Specification	
Minimum bending radius	Single Repeated 200 mm 7.87 in 380 mm 14.96 in
Max. tensile force	5900 N 1326.37 lbf
Crush resistance	2.2 kg/mm 123.2 lb/in
Recommended clamp spacing	1200 mm 47 in
Weight	0.98 kg/m 0.66 lb/ft
Electrical Specification	
Impedance	50 Ω ±1
Propagation velocity	88 %
Capacitance	75 pF/m 22.87 pF/ft
Inductance	0.184 µH/m 0.056 µH/ft
Inner conductor	DC resistance 0.85 Ω/km 0.26 Ω/kft
Outer conductor	DC resistance 0.80 Ω/km 0.24 Ω/kft
DC breakdown voltage	9.0 kV
Peak power	205 kW
Max. operating frequency	3.3 GHz
Insulation resistance	>5 x10 ³ MΩkm >1.5 x10 ³ MΩkft
Screening attenuation	>> 120 dB
Cut-off frequency	3.3 GHz
VSWR(selected frequency ranges)	≤ 1.13
Propagation velocity	88 %
Standard condition: Attenuation: 20°C 68°F ambient temperature Mean power: 40°C 104°F ambient temperature	

Add: plot no 10 shiv vihar a block Najafgarh Sahibi river road Vikasnagar Uttam nagar new delhi-110059

+91 84354 74330 info@srfsteleinfra.in, aayush@srfsteleinfra.in, srfsteleinfra@gmail.com

www.srfsteleinfra.in, www.srfsteleinfra.com

SRFS Teleinfra | All specifications are subject to change.
SRFS reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal.
It may be necessary to make modifications to the part and/or the documentation of the part to implement improvements.
See www.srfsteleinfra.in for the most current information. Revised: 19 Jan 2023





1-1/4 COAXIAL CABLE

Environmental Specification			
Recommended Temperature range	A73090	-70 °C to +85 °C -94°F to +185°	Storage
		-40 °C to +60 °C -40°F to +140°F	Installation
		-55 °C to +85 °C -67°F to +185°F	Operation
	A73037	30 °C to +80 °C -22°F to +176°F	Storage
		20 °C to +60 °C -4°F to +140°F	Installation
		-30 °C to +80 °C -22°F to +176°F	Operation
RoHS 2002/95/EC		Compliant	
IEC 60754-1 IEC 60754-2		Halogen-free	
Frequency	Nom. attenuation dB./100m dB/100ft		Mean power rating kW
10 MHz	0.253	0.077	38.6
108 MHz	0.891	0.272	11.7
174 MHz	1.12	0.341	8.63
512 MHz	2.01	0.613	4.75
824 MHz	2.63	0.802	3.71
894 MHz	2.76	0.841	3.53
925 MHz	2.81	0.856	3.46
960 MHz	2.87	0.875	3.42
1880 MHz	4.27	1.30	2.34
2200 MHz	4.69	1.43	2.13
2500 MHz	5.07	1.55	2.00
2700 MHz	5.32	1.62	1.85
3300 MHz	6.03	1.84	1.56

