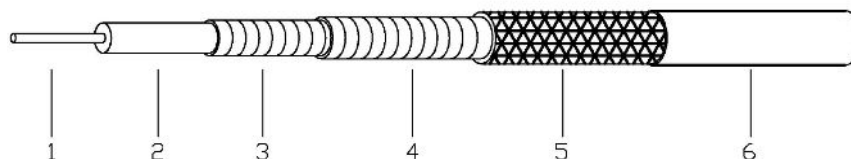


ROTA-150



Construction Specification

	Material	Diameter	
		mm	inch
1. Inner Conductor	Silver Plated Copper	0.93	0.0366
2. Dielectric	PFA	2.65	0.1043
3. Outer Conductor 1	Silver Plated Copper Tape	-	-
4. Buffer Layer	Resinous Tape	-	-
5. Outer Conductor 2	Tin Plated Copper Wire	3.3	0.1299
6. Jacket	FEP	3.8	0.1496

Electrical Characteristics

Impedance	50 ohm
Velocity of Propagation	77%
Capacitance	Typical 86 pF/m
Cut Off Frequency (GHz)	39 GHz
Temperature Phase	300 PPM (-20~+70°C)

Mechanical Characteristics

Min.Bending Radius Static (mm)	20
Weight	38 g/m

Environmental Characteristics

Operating Temp(°C)	-40~+125
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Attenuation & Average Power @ 20°C and Seal Leavel

Frequency(GHz)	Attenuation	
	dB/1m	dB/1ft
5	0.9	0.2743
10	1.3	0.3962
18	2	0.6096
20	2.1	0.6401
26.5	2.6	0.7925