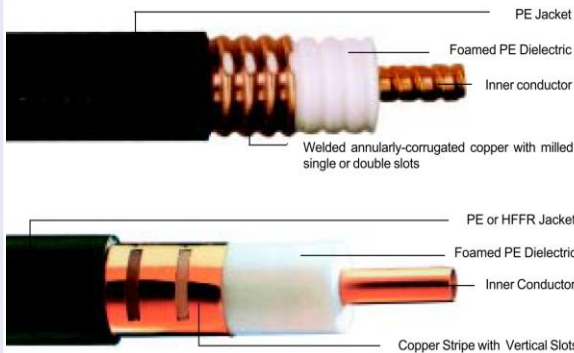


50 ohm Radiating Coaxial Cable

SINYU introduced 50 ohm Radiating coaxial cable is fabricated by leading edge well controlled physical-foaming technology, which ensures the promising high-quality and excellent performance.



Application

- Building
- Mines, subways and tunnels
- Information stations
- Antennas systems

Specifications								
Item		1-5/8"		1-1/4"	7/8"	1/2"		3/8"
		-1	-2			-1	-2	
Inner Conductor	Material	Corrugated Cu-tube		Smooth Cu-tube		CCA		
	OD (mm)	17.3		13.1	9.05	4.8		3.15
Outer Conductor OD (mm)		46.5		35.8	24.9	13.8		9.53
Jacket OD /Thickness (mm)		50.0		39.4	27.5	15.8		11.2
Min. bending radius (mm)		510		400	280	125		95
Max. pulling strength (N)		3630		5900	1470	1130		800
Nom. Capacitance (pF/m)		76		75	76.1	75.8		75
Impedance (Ω)		50 ± 1						
Velocity ratio (%)		88		89	89	88		88
Attenuation @20°C (dB/100m)	150 MHz	0.8	1.0	1.3	1.8	3.3	3.6	4.9
	450 MHz	2.0	2.5	3.0	3.6	6.6	8.2	8.5
	900 MHz	2.7	3.3	4.0	5.1	9.5	11.8	12.1
	1800 MHz	4.4	5.1	5.6	7.6	13.1	16.1	17.4
	2400 MHz	--	--	6.9	9.2	15.7	19.0	--
Coupling loss (2m) (dB \pm 10dB)	150 MHz	71	60	64	62	58	52	56
	450 MHz	80	67	75	72	63	57	61
	900 MHz	79	68	77	72	68	63	68
	1800 MHz	89	78	84	84	73	69	74
	2400 MHz	--	--	76	76	73	69	--
VSWR	0.01GHz-3GHz	≤ 1.3						