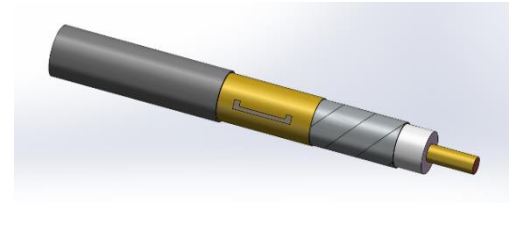


## RDL 50-1-1/4RM – High Fire Resistant LSOH Jacket M5670Z

### Description

Inner Conductor:	Copper tube	13.00 mm
Insulation:	Physically foamed PE	32.80 mm
Fire barrier:	Mica tape	
Outer Conductor:	Overlapping copper foil with slots	
Jacket:	High Fire resistant Low Smoke Zero Halogen Compound	36.50 mm
Ink Marking:	<b>ACOME RADIACELL COAX LSOH RDL 50-1-1/4RM M5670 LOT X lot N° (+ Metric length)</b>	



### Electrical Characteristics

Impedance:	50 ± 2 Ω	Frequency (MHz)	Attenuation (dB/100m) @ 20°C Typical	Coupling Loss (50%) @ 20°C dB	Coupling Loss (95%) @ 20°C dB
	694~960MHz ≤1.38				
	1700~1900MHz ≤1.38				
	1920~2025MHz ≤1.38				
VSWR:	2110~2200MHz ≤1.38	700	3.20	91	98
	2300~2500MHz ≤1.38	800	3.32	74	75
	2560~2620MHz ≤1.38	900	3.65	70	70
Capacitance:	76 pF/m	1800	8.48	72	78
Velocity:	Typical 88%	2100	7.50	65	65
Cut Off Frequency:	3.3 GHz	2400	7.46	67	71
DC Breakdown Voltage:	10 kV	2600	9.32	63	68
Insulation Resistance:	≥5000 MΩ.km				

### Mechanical Characteristics

Bending Radius:	500 mm
Tensile force:	3000 N
Weight:	741kg/km

### Environmental Characteristics

Temperature Range:	Operating	-30°C / +80°C
	Installation	-25°C / +60°C
	Storage	-30°C / +80°C
PH::	IEC 60754-2	≥4.3
Conductivity:	IEC 60754-2	≤10 us/mm
Acid gas emission test:	IEC 60754-1	≤5.0 mg/g
Smoking density test(Min. : Photic rate)	IEC 61196-1	
Flame retardant	IEC 60332-1, IEC 60332-3-24	
CPR:	B2ca for Preliminary	