

RDL 50 -7/8RM – Fire resistant LSOH Jacket

M5718Z

Description

Inner Conductor:	Copper tube	9.3 mm
Insulation:	Physically foamed PE	22.5 mm
Outer Conductor:	Overlapping copper foil with slots	
Jacket:	Low smoke zero halogen compound	27.0 mm
Ink Marking:	ACOME RADIACELL COAX LSOH RDL 50-7/8RM M5718 LOT X lot N° (+ Metric length)	



Electrical Characteristics

Impedance:	50 ± 2 Ω
Capacitance:	76 pF/m
Velocity:	Typical 88%
DC Breakdown Voltage:	10 kV
Insulation Resistance:	>5000 MΩ.km

Frequency (MHz)	Attenuation (dB/100m) @ 20 °C Typical	Coupling Loss (50%/95%) @ 20 °C dB
75	1.00	56/60
150	1.40	62/68
350	2.60	53/56
450	2.80	55/60

Mechanical Characteristics

Bending Radius:	300 mm
Tensile Force:	2300 N
Recommended Clamp Spacing:	1 m
Minimum Distance to Wall:	80 mm

Environmental Characteristics

Temperature Range:	Operating	-30 °C / +80 °C
	Installation	-20 °C / +60 °C
	Storage	-30 °C / +80 °C
Fire resistance:	IEC 60332-1 / 60332-3C	
Smoke toxicity:	IEC 60754-2	
Smoke density:	IEC 61034	
Test Methods:	IEC 61196-1, IEC61196-4	