

**Feeder Cable 7/8 " 690 - 3900 Mhz
Model: SZALO-KX-7/8**

7/8" Foam Insulation Coaxial Cable
Corrugated copper outer conductor
This product is used for telecommunication system



Construction

Serial No.	Description	Unit	Specification
1	Inner conductor	mm	9.0±0.1 Copper tube
2	Dielectric	/	Foamed PE
3	Diameter of dielectric	mm	22.6
4	Diameter of outer conductor	mm	24.9±0.3
5	Jacket material	/	PE
6	Jacket color	/	Black
7	Diameter of jacket	mm	15.50±0.50

Electrical Properties

Serial No.	Description	Unit	Specification	
1	Characteristic Impedance	Ω	50±2	
2	Capacitance	PF/M	76	
3	Velocity of propagation	%	86	
4	Spark test	kV	8	
5	Insulation resistance	MΩ.km	>10000	
6	VSWR	/	690-960MHz	≤1.2
			1700-1880MHz	≤1.2
			1880-2180MHz	≤1.2
			2500-2690MHz	≤1.2
			3300-3700 MHz	≤1.2
			3700-3900 MHz	≤1.25
7	Attenuation (5% tolerance allowed)	dB/100m	4.0 dB/100m @ 900 MHz	
			6.0 dB/100m @ 1800 MHz	
			6.5 dB/100m @ 2100 MHz	
			7.53 dB/100m @ 2700 MHz	
			8.75 dB/100m @ 3500 MHz	
			9.04dB/100m @ 3700 MHz	
			9.35 dB/100m @ 3900 MHz	

Mechanical Specifications

Tensile strength	1450N
Min. bending radius (single)	120 mm
Min. bending radius (repeated)	250 mm
Number of bends, minimum (typical)	15 (50)
Bending moment	18 Nm
Recommended hanger spacing	1.0 m

Environmental Specifications

Installation Temperature	-25°C to +60°C
Operating Temperature	-40°C to +85°C
Storage Temperature	-70°C to +85°C
RoHS	Compliant

Deminsion

Nominal size	7/8"
Inner conductor OD.	Ø 9.0 mm
Dielectric OD.	Ø 22.4 mm
Outer conductor OD.	Ø 24.9 mm
Jacket OD.	Ø 27.5 mm