



## SD-240 Specification

Construction Material	
Jacket Colour	Black
Jacket Material	Non-halogenated PE
Braid Material	Aluminium
Shield Tape Material	Aluminium
Dialectric Material	Foam PE
Inner Conductor Material	Copper wire

Dimensions	
Diameter Over Dialectric	3.81mm
Diameter Over Jacket	6.1mm
Inner Conductor OD	1.42mm
Normal Size	6.1mm
Outer Conductor OD	4.52mm

Electrical Specifications	
Cable Impedance	50 ohm
Capacitance	80pF/m
dc Resistance, Inner Conductor	10.83 ohms / km
dc Resistance, Outer Conductor	12.76 ohms / km
dc Test Voltage	2000 V
Jacket Spark Test Voltage (rms)	5000 V
Maximum Frequency	31.00 GHz
Operating Frequency Band	30 - 6000MHz
Peak power	5.6kW
Shielding Effectiveness	>90 dB
Velocity	0.83

Mechanical Specifications	
Bending Moment	0.3N-m
Flat Plate Crush Strength	0.4kg/mm
Minimum Bend Radius, Single Bend	19.1mm
Tensile Strengths	36kg

Performance	
Frequency	Attenuation (dB/100m)
900 MHz	24.9
1800MHz	36.4
2000MHz	38.7
2600MHz	44