

NUC240



Constuction Specifications	
Inner Conductor	Copper
Dielectric	Crosslinked Foam PE
Outer Conductor	Double Tinned Plated Copper Braid
Jacket	Crosslinked Low Smoke Halogen-free Fire-retardant

PHYSICAL DIMENSIONS	
Inner Conductor Diameter	1.42 mm
Insulation Diameter	3.80 mm
Outer Conductor Diameter	4.80 mm
Outer Jacket Diameter	6.50 mm

Mechanical Specifications

Min. bending radius	
Single Min. bending radius	32.5 mm
Repeated Min. bending radius	65 mm

Environmental Specifications

Storage Temperature	-40 °C ~ +85 °C
Installation Temperature	-40 °C ~ +60 °C
Operation Temperature	-40 °C ~ +115 °C
Flame Retardant Rating	VW-2

Electrical Specifications

Impedance	50±2 Ω
Velocity	85%
Insulation Resistance	5000 MΩ•km
VSWR	
0~3 GHz	≤1.15
3~6 GHz	≤1.25

Electrical Specifications

Frequency	Attenuation
MHz	dB/100 m
100	9.26
800	26.82
900	28.52
1500	37.24
1800	40.99
2000	43.33
2500	48.78
3000	53.76
3600	59.28
6000	78.22

Standard Conditions:

For attenuation: VSWR 1.0, cable temperature 20°C (68°F)

Maximum attenuation value shall be 105% of the nominal attenuation value.