

NUC400-XLPE



Constuction Specifications

Inner Conductor	Copper
Dielectric	Crosslinked Foam PE
Outer Conductor	Double Tinned Plated Copper Braid
Jacket	Crosslinked Black PE

Physical Dimensions

Inner Conductor Diameter	2.74 mm
Insulation Diameter	7.24 mm
Outer Conductor Diameter	8.30 mm
Outer Jacket Diameter	10.10 mm

Mechanical Specifications

Min. bending radius	
Single Min. bending radius	52 mm
Repeated Min. bending radius	104 mm

Environmental Specifications

Storage Temperature	-55 °C ~ +85 °C
Installation Temperature	-55 °C ~ +60 °C
Operation Temperature	-55 °C ~ +115 °C

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	4.71
800	13.83
900	14.72
1500	19.34
1800	21.34
2000	22.60
2500	25.52
3000	28.21
3600	31.21
6000	41.62

Standard Conditions:

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

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