



**INNER CONDUCTOR**

Material: Copper Clad Steel or Bare Copper  
Diameter: 0.81mm

**DIELECTRIC CORE**

Material: Physical Foamed PE  
Diameter: 3.66mm

**BRAID**

Material: Tinned Copper, Bare Copper or Alu Alloy  
Form: 16 × 4 × 0.12mm (Coverage: 60%)  
16 × 5 × 0.12mm (Coverage: 70%)  
16 × 7 × 0.12mm (Coverage: 80%)  
16 × 8 × 0.12mm (Coverage: 90%)

**NOMINAL ATTENUATION**

Frequency(MHz)	Max value(dB /100m)
5	2.60
50	5.90
55	6.20
200	11.50
211	11.80
300	14.10
400	16.10
450	17.40
500	18.10
550	19.40
600	20.30
750	22.90
800	24.10
860	24.80
1000	27.20
1350	31.52
1750	35.88
2150	39.78

**FOIL**

Material: Aluminum/Pet/ Aluminum  
Breadth: 17mm  
Thickness: 15/12/15μ  
Coverage: >110%

**JACKET**

Material: PVC (white or black) – PE (black)  
Diameter: >6.1mm

**IMPEDANCE**

75 Ohm ± 2 Ohm

**NOMINAL CAPACITANCE**

51.2 pF/m ± 2 pF/m

**VELOCITY RATIO**

87% ± 4%

**SCREENING EFFICIENCY**

100-900MHz > 85dB

**STRUCTURAL RETURN LOSS**

5-300 MHz > 20dB  
300-960 MHz > 18dB

**SHEATH TENSION TEST**

2.0 Kv