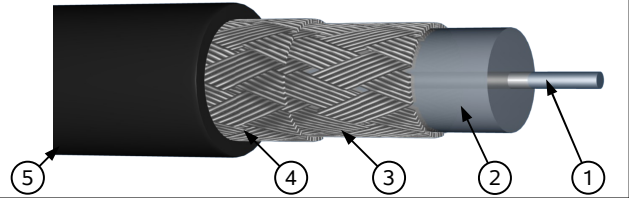
**elbaC Cable**

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F-27200 VERNON  
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**Construction**

<b>Inner conductor</b> ①	
Material	Silver plated Copper
Diameter	Ø 0.89 ± 0.008 mm
<b>Dielectric</b> ②	
Material	Solid PE
Color	Natural
Diameter	Ø 2.95 ± 0.10 mm
<b>Outer conductor</b>	
<b>1<sup>st</sup> Layer</b> ③	
Material	Silver plated Copper
Braiding	16 x (7 x Ø 0.127 ± 0.008 mm)
Coverage	96 %
<b>2<sup>nd</sup> Layer</b> ④	
Material	Silver plated Copper
Braiding	16 x (7 x Ø 0.127 ± 0.008 mm)
Coverage	94%
<b>Sheath</b> ⑤	
Material	PVC
Color	Black RAL 9005
Diameter	Ø 5.48 ± 0.10 mm
<b>Mass</b>	55 kg/km
<b>Marking on sheath</b>	
Printing <small>with XXX quantity in meter still available per reel</small>	« MIL C17-RG 223U- elbaC – XXX m »
Color / Process	White / Ink jet
Step	1 m

**Meet Standards**

MIL C17  
RoHS European directive

**Electrical characteristics**

Impedance	50 ± 2 Ω
Capacitance	< 101 pF/m
<b>Max DC resistance</b>	
Inner conductor	29.9 Ω/km
<b>Propagation velocity ratio</b>	66%
<b>Max operating voltage RMS</b>	1900 V
<b>Insulation resistance 20°C</b>	>1000 MΩ/km
<b>Longitudinal attenuation</b>	

Frequency MHz	Max attenuation dB/100m
1	1.3
10	3.9
50	9.2
100	13.5
200	19.7
400	28.9
700	39.4
900	45.3
1000	47.6
3000	94.0
6000	147.0

**Screening attenuation**

Attenuation 30-6000MHz	≥ 85 dB
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**Thermal characteristics**

<b>Rated Temperature</b>	80°C
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**Packaging**

1000 m / Reel

**Notes**