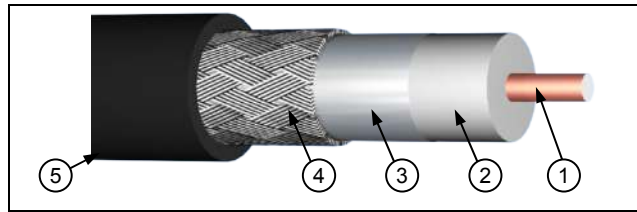


## Câble coaxial 50Ω

### CA-400/5



Construction		Electrical characteristics																							
<b>Inner conductor</b> ①		Impedance	50 ± 2 Ω																						
Material	Copper Clad Aluminum	Capacitance	78.4 pF/m																						
Diameter	Ø 2.74 mm	<b>Max DC resistance</b>																							
<b>Dielectric</b> ②		Inner conductor	4.56 Ω/km																						
Material	Cellular PE Physical	Outer conductor	5.41 Ω/km																						
Color	Natural	<b>Propagation velocity ratio</b> 85%																							
Diameter	Ø 7.25 mm	<b>Max operating voltage</b> 2500 V																							
<b>Outer conductor</b>		<b>Insulation resistance 20°C</b> >500 MΩ.km																							
<b>1<sup>st</sup> Layer</b> ③		<b>Longitudinal attenuation</b>																							
Material	Aluminum / PET tape	<table border="1"> <thead> <tr> <th>Frequency MHz</th> <th>Max attenuation dB/100m</th> </tr> </thead> <tbody> <tr><td>30</td><td>2.2</td></tr> <tr><td>50</td><td>2.9</td></tr> <tr><td>150</td><td>5.0</td></tr> <tr><td>220</td><td>6.1</td></tr> <tr><td>450</td><td>8.9</td></tr> <tr><td>900</td><td>12.8</td></tr> <tr><td>1500</td><td>16.8</td></tr> <tr><td>1800</td><td>18.6</td></tr> <tr><td>2000</td><td>19.8</td></tr> <tr><td>2500</td><td>22.2</td></tr> </tbody> </table>		Frequency MHz	Max attenuation dB/100m	30	2.2	50	2.9	150	5.0	220	6.1	450	8.9	900	12.8	1500	16.8	1800	18.6	2000	19.8	2500	22.2
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Coverage	115%																								
<b>2<sup>nd</sup> Layer</b> ④																									
Material	Tinned Copper																								
Braiding	24 × ( 6 × Ø0.16 mm)																								
Coverage	80%																								
<b>Sheath</b> ⑤		<b>Screening attenuation</b>																							
Material	PEHD	Attenuation 30-5000MHz	≥ 90 dB																						
Color	Black RAL 9005	<b>Thermal characteristics</b>																							
Diameter	Ø 10.30 ± 0.2 mm	<b>Rated Temperature</b> 70°C																							
<b>Mass</b>	104 kg/km	<b>Packaging</b>																							
<b>Marking on sheath</b>		-W5 : 500 m / Reel																							
Printing <small>with XXX quantity in meter still available per reel WW/YY : Week/Year</small>	WW/YY - XXX m »																								
Color / Process	White / Ink jet																								
Step	1 m																								
<b>Meet Standards</b>																									
RoHS European directive																									

#### Notes

Compatible with connectors for cables : LMR400, Belden 9913  
 Example of connector : Amphenol RF 082-6142-1000, 082-6143-1000