

## 5,3 mm Coax class

ITEM		DESCRIPTION	
Conductor	Material	Bare Copper	
	Nominal Diameter	0.8±0.01mm	
Insulation	Material	Foamed PE	
	Nominal Diameter	3.35±0.15mm	
Shielding	Material	Bonded Aluminium/PET/Aluminium foil	
	Coverage	118%	
Braiding	Material	Aluminum wires	
	No. of Wires	24*3*0.12mm	
	Coverage	63%	
Jacket	Material	LSZH	
	Nominal Diameter	5.3mm	
<b>ELECTRICAL PROPERTIES</b>			
Impedance		75±3 ohm	
Velocity		83 %	
Nominal Capacitance		52 pf/m	
Min. Bend Radius		loaded 20 times unloaded 10 times	
<b>ATTENUATION</b>			
Frequency (MHz)	Attenuation dB (100m)	Frequency (MHz)	Attenuation dB (100m)
5	2.9	1000	29.1
50	6.2	1750	39.2
200	12.0	2050	42.8
470	18.9	2150	43.7
860	26.8	3000	54.3
<b>STRUTURAL RETURN LOSS</b>			
Frequency (MHz)		Return Loss	
30-470		≥22 dB	
470-860		≥20 dB	
860-2150		≥15 dB	
<b>Certificate</b>			
<div style="display: flex; align-items: center; justify-content: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 20px;"> <p style="text-align: center; font-size: small;">FIRE REACTION</p> <p>B2ca</p> <p>Cca</p> <p>Dca</p> <p>Eca</p> <p>Fca</p> </div> <div style="text-align: center;"> <p style="font-weight: bold; font-size: 1.2em;">ROHS</p> </div> <div style="text-align: center; margin-left: 20px;"> </div> </div>			