

- Foam Insulation Coaxial Cable
- Tape and Braiding Shield
- Black PVC jacket
- Recommended operating frequency: 1~1000 MHz
- This product is used for telecommunication system



Photo for reference

Material

Inner conductor material	CCS
Dielectric material	Foam PE
Shield 1 material	Aluminum Foil Tape
Shield 2 material	Al-Mg alloy wire Braid, coverage≥60%
Jacket material	PVC, Black

Dimensions

Inner conductor OD.	Ø 1.02 mm
Dielectric OD.	Ø 4.57 mm
Jacket OD.	Ø 6.91 mm

Electrical data

Impedance, Nom.	75 Ω
Capacitance, Nom.	53.1 pF/m
Relative Velocity of Propagation	83 %
Dielectric Resistance	≥5000 MΩ.km
Voltage withstand	3000 V
Shielding effectiveness	≥75 dB
Return Loss	≤-22dB (5-300MHz)
	≤-20dB (300-1000MHz)

Mechanical data

Bending radius (Indoor)	18 mm
Bending radius (Outdoor)	75 mm

Environmental data

Operating Temperature	-25°C to +70°C
Installation Temperature	-25°C to +70°C
Storage Temperature	-25°C to +70°C
RoHS	Compliant

Attenuation (@air temperature of +20 °C)

Frequency (MHz)	Attenuation (dB/100m)
5	2.50
55	5.25
211	10.00
300	11.64
350	12.63
400	13.49
450	14.43
550	16.08
750	18.54
865	20.01
1000	21.49
1450	26.80
1750	30.10
2050	32.80
2250	34.40
3000	40.40

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

Marking on cable

PROSE _ RG 6 CCS3 _ _ _ _ (DD+MM+SS+YY+NNNNN) _ _ _ _ XXXXm
Remark1: Printing Interval: 1m, within $\pm 0.5\%$ accuracy.
Remark2: (DD+MM+SS+YY+NNNNN) means cable code.
Remark3: XXXXm means cable meter.

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