

- Foam Insulation Coaxial Cable
- Tape and Braiding Shield
- Black PE jacket
- Recommended operating frequency: 5~3000 MHz
- This product is used for telecommunication system



Photo for reference

Material

Inner conductor material	Bare copper clad aluminium, solid
Dielectric material	Foamed PE
Shield 1 material	Aluminum Foil Tape
Shield 2 material	Tinned copper wire braiding
Jacket material	PE, Black

Dimensions

Inner conductor OD.	Ø 2.74 mm
Dielectric OD.	Ø 7.24 mm
Shield 2 OD.	Ø 8.13 mm
Jacket OD.	Ø 10.29 mm

Electrical data

Impedance, Nom.	50 Ω
Capacitance, Nom.	78.4 pF/m
Relative Velocity of Propagation	85 %
Dielectric Resistance	≥5000 MΩ.km
Voltage withstand	3000V RMS 50Hz/1min
Screening attenuation	≥90 dB
VSWR	≤1.2 (5-3000 MHz)

Mechanical data

Bending radius (single)	25.4 mm
Bending radius (multiple)	101.6 mm

Environmental data

Operating Temperature	-40°C to +85°C
RoHS	Compliant

Attenuation (@air temperature of +20°C)

Frequency (MHz)	Attenuation (dB/100m)
50	2.90
150	5.00
220	6.10
450	8.90
900	12.80
1500	16.80
1800	18.60
2000	19.60
2500	22.20
5800	35.50

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

Marking on cable

PROSE _ RG 8-T4 _ _ _ _ (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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