

- Foam Insulation Coaxial Cable
- Tape and Braiding Shield
- Black PE jacket
- Recommended operating frequency: 1~2500 MHz
- This product is used for telecommunication system

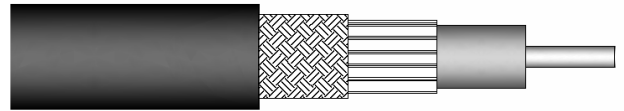


Photo for reference

Material

Inner conductor material	Copper Clad Aluminum wire, Solid
Dielectric material	Foam PE
Shield 1 material	Aluminum Foil Tape
Shield 2 material	Tin-Plate Copper wire braid
Jacket material	PE, Black, Halogen free

Dimensions

Inner conductor OD.	Ø 2.74 mm
Dielectric OD.	Ø 7.24 mm
Shield 2 OD.	Ø 8.13 mm
Jacket OD.	Ø 10.30 mm

Electrical data

Nominal impedance	50 Ω
Capacitance, Nom.	78.4 pF/m
Relative Velocity of Propagation	85 %
Insulation Resistance	≥ 5 GΩx km
Voltage Withstand	3500V DC
Shielding effectiveness	≥90 dB
VSWR	≤1.30 0.1-2.5GHz
	≤1.40 2.5-3GHz

Mechanical data

Min. bending radius, single	51 mm
Min. bending radius, multiple	102 mm

Environmental data

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

Attenuation (@air temperature of +20°C)

Frequency (MHz)	Attenuation (dB/100m)
150	5.1
220	6.1
450	8.9
900	12.8
1500	16.8
1800	18.8
2000	19.6
2500	22.2

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

Marking on cable

PROSE _ PFFC 400 PE4 _ _ _ _ (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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