

- Foamed PE Insulation Coaxial Cable
- Tape + Braiding Shield
- Black flame retardant polyolefin jacket
- Recommended operating frequency: 30~3000 MHz
- This product is used for telecommunication system

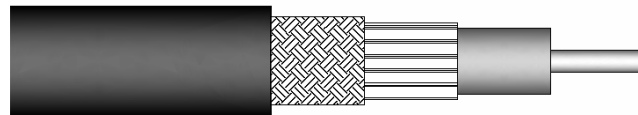


Photo for reference

Material

Inner conductor material	Copper Clad Aluminum, solid
Dielectric material	Foamed PE
Shield 1 material	Al foil
Shield 2 material	Tinned copper wire braiding
Jacket material	Flame retardant polyolefin, Black, Halogen free

Dimensions

Inner conductor OD.	Ø 1.8 mm
Dielectric OD.	Ø 5.0 mm
Shield 1 OD.	Ø 5.2 mm
Shield 2 OD.	Ø 5.78 mm
Jacket OD.	Ø 7.5 mm

Electrical data

Impedance	50±2 Ω
Capacitance	82±2 pF/m
Relative Velocity of Propagation	81 %
Dielectric strength	1600V
Shielding effectiveness	>80dB
VSWR	≤1.20 @30-2700MHz
Max. Operating Voltage	2000V
Max. Operating Frequency	3GHz

Mechanical data

Min. bending radius	38 mm
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Environmental data

Operating Temperature	-20°C to +80°C
RoHS	Compliant

Attenuation (@air temperature of +20°C)

Frequency (MHz)	Attenuation (dB/100m)
150	7.8
280	10.8
350	12.1
400	13.0
800	18.9
900	20.2
1200	23.7
1500	26.8
1800	29.7
1900	30.6
2000	31.5
2200	33.3
2500	35.8
3000	40.9

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

Marking on cable

PROSE _ 5D-FB FRT4 _ _ _ _ (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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