PFFC 300 PE4
Flexible feeder cable 300

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

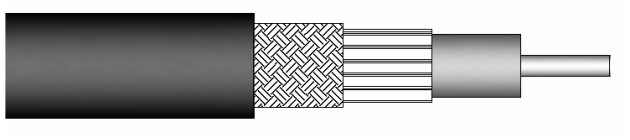

Photo for reference

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 1.78 mm
Dielectric OD.	Ø 4.83 mm
Shield 2 OD.	Ø 5.72 mm
Jacket OD.	Ø 7.62 mm

Electrical data

Nominal impedance	50 Ω
Capacitance, Nom.	79 pF/m
Relative Velocity of Propagation	82 %
Insulation Resistance	≥ 5 GΩx km
Voltage Withstand	2000V DC
Jacket Spark Test Voltage (rms)	3500 V
Peak Power	10 kW
Shielding effectiveness	≥90 dB
VSWR	≤1.30 0.1-2.5GHz
	≤1.40 2.5-3GHz

Mechanical data

Min. bending radius, single	38 mm
Min. bending radius, multiple	76 mm

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Environmental data

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

Attenuation (@air temperature of +20°C)

Frequency (MHz)	Attenuation (dB/100m)
150	8.5
220	10.1
450	14.5
900	20.9
1500	26.9
1800	29.4
2000	31.9
2500	34.9
*Maximum attenuation value shall be 105% of the nominal attenuation value.	

Marking on cable

PROSE _ PFFC 300 PE4 _ _ _ _ _(DD+MM+SS+YY+NNNNN)_ _ _ _ _XXXXm
Remark1: Printing Interval: 1m, within ±0.5% accuracy.
Remark2: (DD+MM+SS+YY+NNNNN) means cable code.
Remark3: XXXXm means cable meter.

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