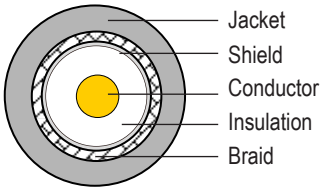
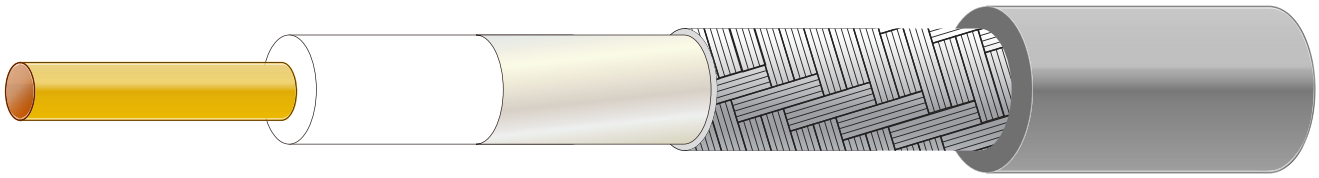
CFD300 COAXIAL CABLE

P/N DC3001A5BT-E (PE) DC3001A5BT (PVC)

Structure Figure





Conductor
Material
Solid Copper Wire

Diameter
Approx. 1.78 mm

Insulation
Material
Foam PE

Diameter
Approx. 4.84mm

Shield
Material
Aluminum / PE Tape

Braid
Material
Tinned copper wire

Coverage
Approx. 85%

Diameter
Approx. 5.7 mm

Jacket
Material
PE / Lead free PVC

Color
Black

Diameter
Approx. 7.6 mm

Electrical Properties (at 20˚C)

Description	Specification
Impedance@200MHz (nom)	50 Ω
Voltage withstanding AC	2000 V/1min.
Conductor Resistance (nom.)	6.96 Ω/km
Velocity of propagation (nom.)	85%
Capacitance (nom.)	77 pF/M
VSWR	1.3 max.

NOTE: VSWR will be test in th frequency range (810~960, 1300~1400, 1500~1600, 1710~1885, 1915~2025, 2100~2200, 2400~2500 MHz), and the other test frequency only for reference.

Mechanical Properties

Description	Specification
Minimum bending radius	22.2 mm
Weight (nom.)	0.074 Kg/m (PE) 0.085 Kg/m (NL PVC)
Tensile strength	54.5 kg max.
Operating temperature range	-40°C ~ +85°C

UV RESISTANT: Add carbon black in JACKET to make the cable has resistant to UV.

Attenuation

Frequency(MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
dB/100m	3.5	4.5	7.9	9.6	13.8	19.9	26.0	28.7	30.3	34.2	54.3
dB/100ft	1.07	1.38	2.41	2.93	4.21	6.07	7.93	8.75	9.24	10.43	16.56

NOTE: Maximum value shall be not exceeded 115% of the nominal value.

Cable Marking

For PE Jacket :

For Non lead PVC Jacket :

For more information, contact sales@wellshow.com.tw TEL: +886 3-3700979 FAX: +886 3-3700955 No.88, Ln.17, Yuhe St., Taoyuan Dist., Taoyuan City 33057, Taiwan (R.O.C.)