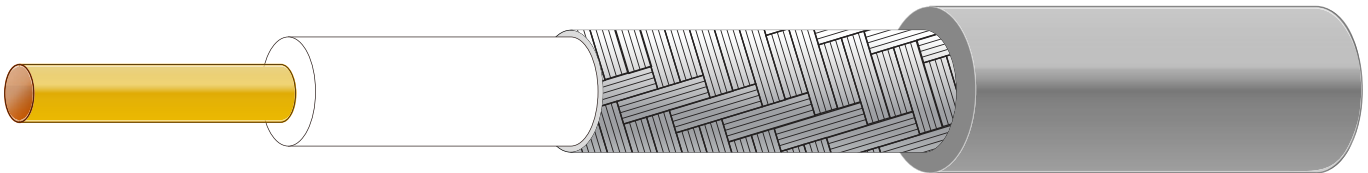
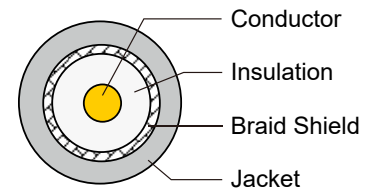


0.81mm Coaxial Cable

P/N D0810WS5GT

Structure Figure



Conductor

Material
Silver Plated Copper Wire

Construction
AWG 36(7/0.05mm)

Insulation

Material
PFA

Color
SELF-COLOR

Diameter
0.43±0.02mm

Shield

Material
Tinned Plated Copper Wire

Construction
16 / 3 / 0.05 mm

Coverage
90%

Jacket

Material
PFA

Color
Gray

Diameter
0.81+0.04/-0.02mm

Electrical Characteristics

Description	Specification
Impedance	50±5 Ω
Capacitance	100 pF/m
Withstand Voltage	AC 500V rms for one minute
Insulation Resistance	DC 250V 5Mohm.m MIN.
VSWR (DC~6GHz)	1.45 MAX
VSWR (DC~12GHz)	1.70 MAX

Physical Characteristic

Description	Specification
Voltage Rating	30V
Operating Temperature	-40°C~80°C

Attenuation

Frequency	1.0GHz	2.0GHz	3.0GHz	4.0GHz	5.0GHz	6.0GHz
dB/m	3.30	4.50	5.70	6.70	7.50	8.40
dB/ft	1.01	1.37	1.74	2.04	2.29	2.56
Frequency	9.0GHz	10.0GHz	11.0GHz	12.0GHz		
dB/m	11.10	11.80	12.60	13.3		
dB/ft	3.38	3.60	3.84	4.05		