

LN290

Ultra Low Noise Coax Cable

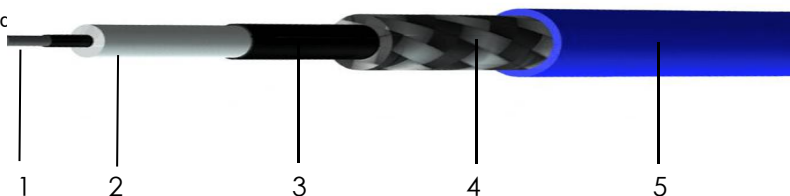
Ver A1 Release Date Match, 2015



P/N:5275

Features&Benefits

- 66%Vp PE+Semi conductive PE+BC shield
- Ultra-low loss, Anti-interference,Durable
- Equivalent to
- Replace to



Construction Specification

	Description	Size (mm)	Tol.	Materials
1	Center conductor	0.36	±0.004	Bare Copper
2	Dielectric	1.60	±0.007	Solid PE
3	Outer conductor	1.60	±0.007	Graphite powder
4	Outer shield	2.00	±0.01	Bare Copper Shields
5	Jacket	2.90	±0.20	TPU black or customize

Mechanical&Environmental Specifications

Bend Radius:installation (mm)	8
Bend Radius:repeated (mm)	30
Max.Pulling Tension (N)	85
Weight (g/m)	N/A
Temp, Operating&Installation (°C)	-20~+85
Crush resistance of cable (load of 700N)(%)	<1%

RoHS Guideline

Cadmium content (Cd)	<0.01%
Lead content (Pb)	<0.1%
Mercury content (Hg)	<0.1%
Chromium (VI) content	<0.1%
Polybrominated Biphenyls (PBB)	<0.1%
Polybrominated Diphenyl Ether (PBDE)	<0.1%

Electrical Specifications

Characteristic Impedance(ohm)	60±3	Dielectric Strength(V DC)	2000
Capacitance(pF/m)	95	Insulation resistance(MΩ·km)	5000
Velocity ratio(%)	>66	noise value(mV)	<0.1
DCR: Inner Conductor(ohm/km)	<250	Shield Coverage(%)	90±3
DCR: Outer Conductor(ohm/km)	<45		
Jacket Sparker(V RMS)	2000		

Attenuation (Typical@25°C&VSWR=1.0) &Power (VSWR=1.0;40°C;Sea Level)

Frequency MHz

dB/100 m

Avg.Power kW

Maximum attenuation is 10% higher.

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