

TECHNICAL SPECIFICATIONS SHEET



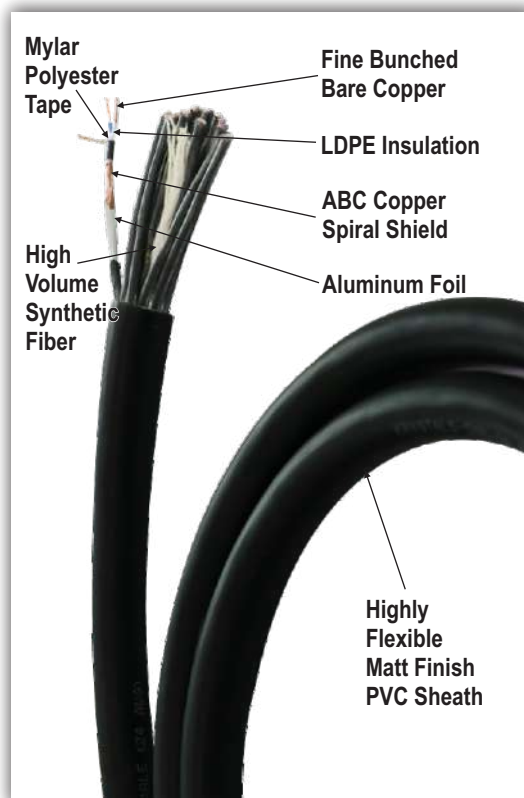
16 PAIR DIGITAL SNAKE CABLE

Part No. - SNK-DIG-16P

16 Pair Digital Snake Cable - 24 AWG (19/0.12mm) x 2 core ABC copper conductor, PE insulated, core twisted in circular form, Mylar Polyester Taped, ABC Spiral shielded + Aluminum foil shielded, PVC Inner Sheathed, Matt Finish High Flex Special PVC Overall Sheathed Snake Cable.

General Specifications

No of Conductors per Pair	2
Conductor (No. / size of wire)	19/0.12 mm
Cross Sectional Area	0.22 sqmm (24 AWG)
Insulation Material	LDPE
Insulation OD	1.10 mm
Insulation Colours	Blue / White
No of Pair	16 Pair
OD of Pair	3.30 mm
Shield Conductor	ABC Copper – (0.09mm) 65 wires (approx)
Shield Type	Mylar Tape + Spiral Shield + Aluminum Foil
Jacket Material	High Flex Matt Finish PVC
Jacket OD	19.00 mm + - .10mm
Packaging	100 meter Coil
Gross Weight of Coil	45 Kgs



Electrical and Mechanical Characteristics

DC resistance @20 °C - Conductor	80 Ω / Km
DC Resistance @ 20 °C - Sheild	48 /Ω Km
Capacitance – Cond / cond	22 pF/Feet
Capacitance – Cond / Shield	55 pF/Feet
Inductance b/w conductors @1kHz 20°C	0.8 μH/m
Electrostatic Noise	100mV Max
Electromagnetic Noise	0.15mV Max
Microphonics @ 50KΩ Load	30 mV Max
Voltage Breakdown	Must withstand DC 30V for 15 seconds
Operating Voltage	300 V
Operating Temperature	-20° C to 70° C
Dielectric Constant 1k hz	2.30
Dissipation Factor	0.0002
Flex Life	12,500 cycles
Tensile Strength	659 N

Features

- ◆ 16 Pair Digital Snake Cable is our Premium range of Snake Cable for Stage and Touring use.
- ◆ A Reasonable Cross Sectional Area of Annealed Bare Copper conductor (19 wires of 0.12mm) and double Shielding with Bare Copper Wires Spiral shield + aluminum foil gives a complete Shield achieving a coverage of more than 100% on individually twisted shielded pairs.
- ◆ Channel no. are printed on each pair jacket for easy cable identification.

Advantages

- ◆ Reasonably clear sound due to the use of fine stranding and ABC copper conductor.
- ◆ Spiral Shield Gives complete shielding thereby eliminating any chances of cable noise.
- ◆ High Limpness helps the cable lay flat on the stage.

Colours Available



Application

- ◆ Stage application
- ◆ Multi-pair systems

Packaging

- ◆ 100 Meters Coil