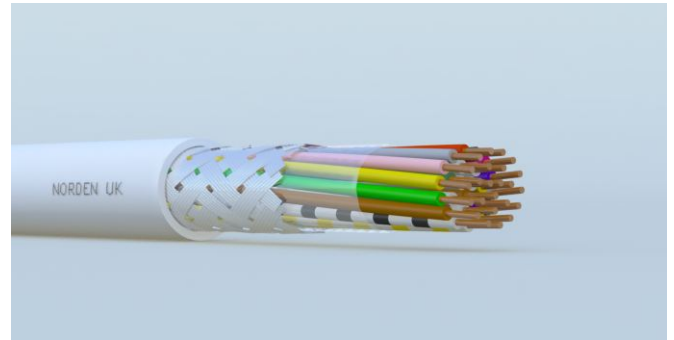


1.00 Sq.mm Multi Conductor Control & Signal Cable

These Double Screened Cables from Norden are used as signal transmission cables in industrial applications. They can be easily used with their flexible construction in narrow applications like Electronic Control Systems of Audio or Computer Systems or in Communication Sector, Electronic Circuits, Measurement Devices, Machine Design, Office Equipment etc. The screening protects the cable from outer electromagnetic interference.



CABLE CONSTRUCTION

Conductor

Stranded Bare Copper (Class 5 According to BS EN 60228:2005)

Insulation

Flame Retardant PVC

Core Identification

Din 47100 Color Chart

Conductor Size

1.00 mm²

Screen

Al-Polyester Tape Foil (100% Coverage)

Shield

TC Wire Braiding (70% coverage)

Separator

Polyester tape Over Cores

Sheath Color

Flame Retardant PVC

Sheath Color

Grey

Standard Packing Mode

Cutoff Length/ Wooden Reel

ELECTRICAL CHARACTERISTICS

Max. Resistance of Conductor @ 20°C	Ω/km	19.5
Current Rating	Amp	15
Nom. Capacitance Cond. to Cond.	nf/km	120
Nom. Cap	nf/km	180

▷ Standard Reference

VDE 812

▷ Flame Retardant

IEC/EN 60332-1

▷ Voltage Rating

300/500 V

▷ Operating Temperature Range

-20°C to +70°C

▷ Min. Bend Radius

10 x Overall Diameter

1.00 Sq.mm Multi Conductor Control & Signal Cable

ORDERING INFORMATION

▷ LiY(St)Y Series : PVC/Al-Tape & TCWB screened/PVC Control & Signal Cable

Part Number	No. of core x Nom. Cross Sectional Area (n x mm ²)	No. of Strand x Nom. Diameter (n x mm)	Outer Diameter (mm)	Weight (kg/km)
85-10451502X	2 x 1.00	32 x 0.20	6.1	52
85-10451503X	3 x 1.00	32 x 0.20	6.4	66
85-10451504X	4 x 1.00	32 x 0.20	7.0	81
85-10451507X	7 x 1.00	32 x 0.20	8.5	126
85-10451510X	10 x 1.00	32 x 0.20	10.8	180

X → BK:Black BL:Blue GN:Green GY:Gray RD:Red WH:White TP:Transparent