

Belden 9841 - SWA LSZH (Belden Alternative) Cable



Eland Product Group: **A3B**

APPLICATION

An armoured overall foil and braid screened cable (Belden equivalent) with a low capacitance and a high level of screening. Provides interference free, high speed data transmission suitable for RS485 applications.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PE (Polyethylene)

Screen

AL/Foil (Aluminium Foil)

Drain Wire

Stranded tinned copper

Braid

TCWB (Tinned Copper Wire Braid)

Inner Sheath

LSZH (Low Smoke Zero Halogen)

Armour

Galvanized steel wire

Outer Sheath

LSZH (Low Smoke Zero Halogen)

CABLE STANDARDS

Generally to Belden 9841



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS

Voltage Rating

300V

Temperature Rating

+80°C

Insulation Colour

● White/Blue ● Blue/White

Outer Sheath Colour

● Black

DIMENSIONS

ELAND PART NO.	BELDEN ALTERNATIVE	NO. OF PAIRS	NO. OF STRANDS	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A3B9841SWA/LSZH	9841	1	7	0.2	11	210

ELECTRICAL CHARACTERISTICS

BELDEN ALTERNATIVE	MINIMUM DC INSULATION RESISTANCE AT 20°C Mohms/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/100m
9841	>200	9.41