

Belden 8444NH Multi-Conductor Cable



Eland Product Group: **A4B**

APPLICATION

General purpose unscreened multi-pair cable for use in audio, gas, data, security and instrumentation application.

CONSTRUCTION

Conductor

Class 2 stranded tinned copper conductor

Insulation

PP (Polypropylene)

Sheath

LSZH (Low Smoke Zero Halogen)

CABLE STANDARDS

UK AWM 21307, UL1685 FT4



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

-20°C to +80°C

Minimum Bending Radius

10 x overall diameter

Colour Code

● Black ○ White ● Red ● Green

Sheath Colour

● Black

DIMENSIONS

ELAND PART NO.	BELDEN REFERENCE	NO. OF CORES	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A4B8444	8444	4	AWG22(7)	0.051	4.69	23.81

ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE pF/m	INDUCTANCE μ H/m	MAXIMUM DC RESISTANCE OF CONDUCTOR AT 20°C ohms/km
AWG22(7)	49.21	0.55	51.18