

BOXFORD PRODUCT SPECIFICATION**BOX1952ZH Multi-Conductor EIA RS-485****PHYSICAL CHARACTERISTICS****Conductor**

Pairs: 1 AWG: 24 Stranding: 7x0.20 Material: TC - Tinned Copper

Insulation

Material: PE - Polyethylene

Pair

Colour: White/Blue & Blue/White

Shield

Outer Layer 1 - Type: Tape	Material: Aluminium Foil - Polyester Tape	Coverage: 100%
Outer Layer 2 - Type: Braid	Material: TC - Tinned Copper	Coverage: 90%
Drain Wire - AWG: 24	Stranding: 7x0.20	Material: TC - Tinned Copper

Jacket

Material: LSZH - Low Smoke Zero Halogen Colour: Grey

Cable

Overall Nominal Diameter: 5.9mm

MECHANICAL CHARACTERISTICS**Temperature Range**

Static: -20°C to +80°C
Installation: -5°C to +80°C

Weight

Bulk Cable Weight: 46kg/km

ELECTRICAL CHARACTERISTICS**Nominal Character Impedance**

Impedance: 120 Ohm

Nominal Capacitance Conductor to Conductor

Capacitance: 43 pF/m

Maximum Operating Voltage

Voltage: 300V RMS