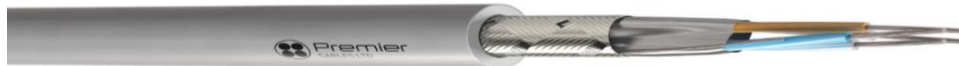


# 9842<sub>eQ</sub> LSF

# 9842<sub>eQ</sub> LSZH



Generally, to Belden 9842, RS485



## Application

24 AWG/ 24(7) low capacitance cable

Interference free, high speed data transmission suitable for RS485 applications.

LSZH for installations where fire, smoke emissions and toxic fumes create a potential risk.

## Construction

Conductor	Class 2 stranded tinned copper conductor
Inner Sheath	HDPE (High Density Polyethylene)
Screen	Aluminium polyester foil
Drain Wire	Tinned copper
Braid	TCWB (Tinned Copper Wire Braid)
Sheath	LSF or LSZH (Low Smoke Zero Halogen)
Nominal OD	7.4mm
Nominal Weight	92kg/km
Voltage Rating	300V
Temperature Rating	Fixed: -20°C to +70°C

## Core Identification

Pair 1: Blue/White White/Blue

Pair 2: Orange/White White/Orange

Sheath colour Grey

## Electrical characteristics (LSZH)

Velocity of Propagation	Impedance	Capacitance at 1kHz	Max Resistance of Conductor
%	ohms	pF/m	Ohms/km
66	120	42	86.2

*The information contained within this data sheet is for guidance only.*

*Cable and gland sizes are nominal and may vary according to different manufacturer's tolerances.*

*Every possible effort is made to ensure that the Information contained in this data sheet is correct.*

*However, we reserve the right to change the information or specification at any time in the light of technical developments or revisions.*

*References to or extracts from British Standards, current IEE regulations or other regulatory bodies should be verified with these organisations.*