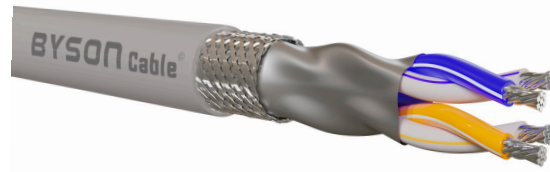


# 9842 - LSF Alternative Cable



## CABLE MAKE-UP

**Conductor Count:** 4

**Conductor Stranding**  
Class 2 stranded tinned copper conductor

Core Identification:

Pair 1: WHITE/BLUE : BLUE/WHITE

Pair 2: WHITE/ORANGE : ORANGE/WHITE

### Insulation

PE (Polyethylene)

### Screen

Aluminum foil tape

### Braid

Tinned Copper Wire Braid

### Drain Wire

Stranded tinned copper

### Sheath

LSF (Low Smoke and Fume)  
Sheath Color: Grey

- ✓ Genuine Alternative to Belden 9842
- ✓ 100% Individually Shielded Pair
- ✓ Cut to Length Service Available
- ✓ LSZH Options Available

## APPLICATION

Belden 9842 cables are designed for RS485 data connections. This cable combines low capacitance insulation with one of the highest levels of screening to provide high speed, interference free, data transmission. Multi-conductor - low capacitance computer cable for EIA RS-485 applications, 1-pair conductors, 24 AWG, chrome LSF jacket.

## DESCRIPTION

2 x 2 x 24(7)AWG  
Individually Screened Pairs

For use in electronic, control & instrumentation

**Overall Shielded:**  
(100% Coverage) TCWB

## STANDARDS

**CPR Classification**  
Eca

**RoHS2 Compliance:**  
Yes

**Flame Retardant:**  
EN 60332-1-2

## CHARACTERISTICS

**Voltage Rating**  
600V

**Temperature Rating**  
Fixed: -20°C to +80°C

**Test Voltage:**  
2.5kV for 5 minutes

## DIMENSIONS

PART NO.	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
9842LSF	2	AWG24(7)	0.2	7.4	92

## ELECTRICAL CHARACTERISTICS

PART NO.	CAPACITANCE AT 1kHz pF/m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
9842LSF	41.9	104