

# Belden 8774 Multi-Conductor CM Rated Cable



Eland Product Group: A4B

## APPLICATION

A multi-pair CM rated cable for general use. Not suitable for CMR/Plenum applications.

## CHARACTERISTICS

**Voltage Rating**  
300V

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

**Minimum Bending Radius**  
10 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 2 stranded tinned copper

**Insulation**  
PP (Polypropylene)

**Screen**  
Beldfoil® (Aluminium foil polyester tape)

**Drain Wire**  
Tinned copper

**Sheath**  
PVC (Polyvinyl Chloride)

### Core Identification

Pair 1: ● Black ● Red  
Pair 2: ● Black ○ White  
Pair 3: ● Black ● Green  
Pair 4: ● Black ● Blue  
Pair 5: ● Black ● Yellow  
Pair 6: ● Black ● Brown  
Pair 7: ● Black ● Orange  
Pair 8: ● Red ○ White  
Pair 9: ● Red ● Green

**Sheath Colour**  
● Grey

## STANDARDS

Belden 8774

Vertical tray fire propagation and smoke release test: UL 1685

## THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](https://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab®.





## DIMENSIONS

ELAND PART NO.	BELDEN REFERENCE	NO. OF PAIRS	AWG (NO. OF STRANDS)	NOMINAL DIAMETER OF STRANDS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A4B8774	8774	9	AWG22(7)	0.30	10.414	150.308

## ELECTRICAL CHARACTERISTICS

AWG (NO. OF STRANDS)	CAPACITANCE pF/m		VELOCITY OF PROPAGATION %	INDUCTANCE μH/m	IMPEDANCE ohms	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
	Conductor to Conductor	Conductor to Shield				
AWG22(7)	98.43	180.45	66	0.0590	50	49.215

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.