

# Coaxial BT3002 16 Way / 8 Way Cable



Eland Product Group: A7E

## APPLICATION

Manufactured according to BT specifications and used for the interconnection of data or telecoms equipment.

## CHARACTERISTICS

**Voltage Rating**  
300V

**Temperature Rating**  
Fixed: +80°C

## CONSTRUCTION

**Conductor**  
Solid copper conductor

**Insulation**  
PE (Polyethylene)

**Braiding 1**  
Tinned copper (90%)

**Braiding 2**  
Tinned copper (90%)

**Inner Sheath**  
PVC (Polyvinyl Chloride)

**Filler**  
PVC (Polyvinyl Chloride)

**Outer Sheath**  
FR-PVC (Flame Retardant - Polyvinyl Chloride)

**Sheath Colour**  
○ White

## STANDARDS

EN 50289, CW 1383

## THE CABLE LAB<sup>®</sup>

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](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

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<sup>®</sup>.





## DIMENSIONS

ELAND PART NO.	COAXIAL CABLE	NO. OF CORES	CONDUCTOR SIZE mm	NOMINAL THICKNESS OF INSULATION mm	NOMINAL OVERALL DIAMETER mm
A7EBT3002/8	8 Way	8	0.31	1.95	14.6
A7EBT3002/16	16 Way	16	0.31	1.95	20.5

## ELECTRICAL CHARACTERISTICS

COAXIAL CABLE	NOMINAL CAPACITANCE pf/m	IMPEDANCE AT 200MHz ohms	ATTENUATION AT 5MHz -dB/100m	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
8 Way	67	75	4.8	274.2
16 Way	67	75	4.8	274.1

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.