

**LLA600LSZH**

## Mechanical Characteristics

### Construction:

Inner Conductor:	4.47mm Copper-Clad Aluminium
Dielectric:	Foam Polyethylene Insulation
Screen:	Bonded Aluminium Polyester Foil Tape
Screen:	Tinned Copper Wire Braid Coverage >90%
Sheath:	Black PE/DB/LSNH
Insulation Diameter:	11.60mm (Nominal)
Sheath Diameter:	15.00 ± 0.30mm
Storage/Operating Temperature:	-15°C to +70°C
Minimum Installation Temperature:	-5°C
Standard Reel Lengths:	500m Custom Length

\*Cable image and colours are for illustration purposes only and may vary.

## Application

Suitable for many applications, including jumper assemblies in wireless communication and short antenna feeder runs.

## Description

4.74mm copper-clad aluminium conductor, foam polyethylene insulation, bonded aluminium tape with tinned copper wire braid. Available in either PE, DB (direct burial) or LSNH black overall sheath. Other materials and colours available upon request.

## Electrical Characteristics

DC Resistance Inner Conductor:	≤1.8Ω/km @ 20°C
DC Resistance Outer Conductor:	≤4.0Ω/km @ 20°C
Characteristic Impedance:	50 ± 30Ω
Capacitance:	73pF/m (nominal)
Velocity Ratio:	0.85
Attenuation (d/B 100m @ 20°C):	
50MHz	<2.0
150MHz	<3.5
220MHz	<4.3
460MHz	<6.2
900MHz	<9.0
1500MHz	<12.0
1800MHz	<13.3
2000MHz	<14.1
Return Loss:	
5-470MHz	≥25
470-862MHz	≥24
862-2150MHz	≥23

## Specifications

**CPR Class: F**

BS EN 50117