

## Leigh Cables

Brook Mill Industrial Estate • Leigh Lancashire • United Kingdom • WN7 2AD +44 (0) 1942 605 505 sales@leighcables.com www.leighcables.com

## **Test & Conformance Certificate**

Reference / Record			
Certificate Number	22-02-23A		
Customer	N/A (STOCK)		
Customer PO	N/A (STOCK)		
Leigh Cables SO	11287		
Internal Ref	11287		
Date	23/02/2022		

Product Information				
Cable Description	1.5SQMM X 40 CORE PAC/ XLPE/ OASCR/ LSZH/ GSWA/ LSZH BNFL D60 BLACK CABLE			
Standard(s)	GEN. BS5308			
Voltage (V)	300/500			
Design Number	BNFL-D60-D66-0015-MULTICR			
Cable Length (M)	578			

Tests, Parameters & Conditions	Results
Visual Inspections	Pass
Continuity Test	Pass
Spark Test - 6kV - Insulation	Pass
Spark Test - 12kV - Outer Sheath	Pass
Spark Test - 12kV - Outer Sheath	Pass
High Voltage Test - 1kV - 1 min(s) - All Cores	Pass
Maximum Conductor Resistance	11.540 Ω/km
Minimum Insulation Resistance	40014.940 MΩ/km
Nominal Resistance - Drain Wire	22.180 Ω/km

Additional Measurement Data					
Description	Specified Minimum (mm)	Specified Maximum (mm)	Recorded Nominal (mm)		
Outer Sheath Diameter Ø (mm)	31.2	32.2	31.9		
Armour/Braid Ø (mm)	27.4	28.4	28.1		
Inner Sheath Ø (mm)	24.32	25.32	24.92		
Core Ø (mm)	2.73	2.83	2.78		

## **Additional Conformances**

Via the construction and materials selection the cable also conforms to the following:

• Flame Retardance - IEC 60332-1

• Smoke Emission - 61034

• Gas Acidity - IEC 60754-2

• Halogen Gas Content - IEC 60754-1 • Flame Retardance - IEC 60332-3-22 (CAT A)

## **Statement of Conformance**

Leigh Cables certifies that the goods as described hereon have been tested and inspected to conform in all respects to the requirement of the contract or order. 

FS 655650

A. Driver Quality & Technical Assistant

Registered Company VAT Registration BSI ISO 9001 Certificate









