

INSPECTION REPORT				Page 1 of 10
EVO Job No: 116399-1	Report No: IR 01 Rev 01	Date of Report: 02-July-2026	Customer: BELFAST CABLES UK SOLUTIONS LTD.	

CUSTOMER DATA				INTERTEK DATA	
Name:	BELFAST CABLES UK SOLUTIONS LTD			Intertek Project No.	116399-1
Address:	71-75 SHELTON STREET COVENT GARDEN, LONDON, WC2H 9JQ UNITED KINGDOM			Client P.O./I.O. to Intertek:	/
Attn:	Jugalgiri Goswami	Phone:	+44 20 4577 2261		
E-Mail:	info@belfastcables.co.uk			Requisition No:	/
Copies to:	N/A			Date of Order:	/
				Intertek Contract Coordinator:	Kiran Madivala

SUPPLIER/SUB-SUPPLIER DATA				INSPECTION INFORMATION	
Inspection Performed: ☒ With Customer Supplier ☐ With Sub-Supplier				Date(s) of Visit(s): July 1, 2026	
P.O. No:	Change No:	Requisition No:			
N/A	N/A	N/A		Date of Previous Visit: /	
Supplier:	N/A			Date of Next Scheduled Visit:	N/A
				P. O. Status:	☒ Complete ☐ Incomplete
Supplier Job No:	N/A			Project Name:	/
Location:	N/A				
Primary Contact:	N/A			Materials/Items Inspected:	
Phone:	N/A	E-mail:	N/A		
Sub-supplier:	N/A			BUILDING MANAGEMENT SYSTEM(BMS) CABLE	
Sub-Supplier Job No:	N/A				
Location:	N/A				
Primary Contact:	N/A			Pre-Inspection Meeting Summary Attached:	☐ Yes ☒ No
Phone:	N/A	E-mail:	N/A		
				Summary Report Attached:	☒ Yes ☐ No

INSPECTION DISPOSITION: ☒ Accept ☐ Nonconformance(s) Identified ☐ Placed on Hold ☐ Other (Explain)

INSPECTION SUMMARY AND CONCLUSION:

IM (Intertek-Moody) inspector visited supplier (UK)'s workshop on 1-July-2026. The purpose of this visit was to perform inspection for CABLE.

Inspection Was Conducted at BALFAST CABLES UK SOLUTIONS LTD factory's premises & the results were found satisfactory.

Please check the Inspection report as follows.

RECOMMENDED ACTION:

/

INSPECTION TIME:	☒ DAYS ☐ HOURS	1.0	TRAVEL HOURS :	/	DISTANCE: ☐ MI ☐ KM	
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Technical Specialist:	Mr. Toby	Date:	02-July-26	Project Coordinator: Frida
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1.0 ATTENDEES

NAME	COMPANY REPRESENTED	TITLE
Mr. Toby	Intertek Moody	Inspector
Mr. Jugalgiri Goswami	BELFAST CABLES UK SOLUTIONS LTD	CEO

2.0 MATERIALS

2.1 GENERIC MATERIALS

TAG / EQPT NO.	DESCRIPTION
1	BUILDING MANAGEMENT SYSTEM(BMS) CABLE

2.2 MATERIALS INSPECTED

PO ITEM NO.	TAG / SERIAL NO.	PRODUCT / MATERIAL / ITEM NAME	ORDERED QUANTITY	PRESENTED THIS VISIT	ACCEPTED THIS VISIT	QUANTITY ACCEPTED TO DATE
1	BCS1217	BUILDING MANAGEMENT SYSTEM(BMS) CABLE	1	1	1	1

3.0 DOCUMENTS USED

DOCUMENT NO.	REVISION	TITLE	APPROVAL STATUS
/	/	TECHNICAL DATASHEET PART NO: BCS1217	/
/	/	NOI	/

4.0 SCOPE OF INSPECTION

ITP LINE NO.	ITP ACTIVITY DESCRIPTION	ITEMS	RESULTS	CLAUSE
1.1	Visual inspection of compliance with construction requirements	/	Accepted	6.1
1.2	Examination of individual conductors (material, composition and size)	/	Accepted	6.1
1.3	Check of cable configuration, conductor twisting and core numbering or core colours	/	Accepted	6.1
1.4	Check of sheath colors: outer sheath		Accepted	6.1
1.5	Check of shielding type, size and material		Accepted	6.1



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1.6	Check of outer sheath: cable marking	/	Accepted	6.1	
1.7	Outer diameter measurement	/	Accepted	6.1	
1.8	Check of correct application of nameplates/labels on coil	/	Accepted	6.1	
2.1	Conductor resistance	/	Accepted	6.1	
2.2	Applied voltage test at 2000v for 1 minute	/	Accepted	6.1	
2.3	Measurement of insulation resistance between conductors, at ambient temperature at 500V AC for 60 seconds	/	Accepted	6.1	
2.4	Capacitance measurement between conductors of a pair	/	Accepted	6.1	
2.5	Inductance measurement between conductors of a pair	/	Accepted	6.1	
3.1	Flame Retardant	/	Accepted	6.1	

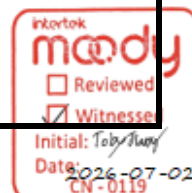
5.0 EQUIPMENT AND INSTRUMENTATION USED (TO BE SUPPLIED BY SUPPLIER)

EQUIPMENT / INSTRUMENT DESCRIPTION	SERIAL NO	CALIBRATION CERT. NO.	EXPIRY DATE
Digital Measurement Projector	11175	25FYL21201012	2026-11-30
DC Resistance Tester	20170504	25FYE21201013	2026-11-30
digimatic micrometer	B0104001	25FYL21201014	2026-11-30
Single-Wire Cable Vertical Combustion Test Machine	80979	25FYE21201036	2026-11-30
LCR digital electric bridge	Q0-911-04933	25FYE21201030	2026-11-30
digital caliper	B0104012	25FYL21201025	2026-11-30

6.0 INSPECTION DETAILS

When the inspector arrived at the factory, a cable unit (305M) was already present and underwent the following tests under the inspector's supervision. The test results met all requirements.

STEP NO.	Test Description	Applicable Standards	Required Value	Measured value	RESULT
1.1	Visual inspection of compliance with construction requirements	EN 50290-2	Free from visible defects	Free from visible defects	Satisfactory
1.2	Examination of individual conductors (material, composition and size)	EN 50290-2	4x0.80mm ±0.01mm	0.8mm/0.795mm/ 0.797mm/0.797mm	Satisfactory
1.3	Check of cable configuration, conductor twisting and core numbering or core colors	/	Color Black, white, red, yellow	Black, white, red, yellow	Satisfactory
1.4	Check of sheath colors: outer sheath	/	Green RAL 6018	RAL 6018	Satisfactory
1.5	Check of shielding type, size and material	EN50290-2	Polyester tape, drain wire and PVC sheath Thickness:0.3mm	Polyester tape, drain wire and PVC sheath Yellow:0.449-0.456 Red:0.45-0.471 White:0.436-0.459 Yellow:0.402-0.438	Satisfactory



Title Inspection Report Form	Form Number MI-1220-01	Revision F	mm/dd/yyyy 11/30/2023	Instructions SOP-1220
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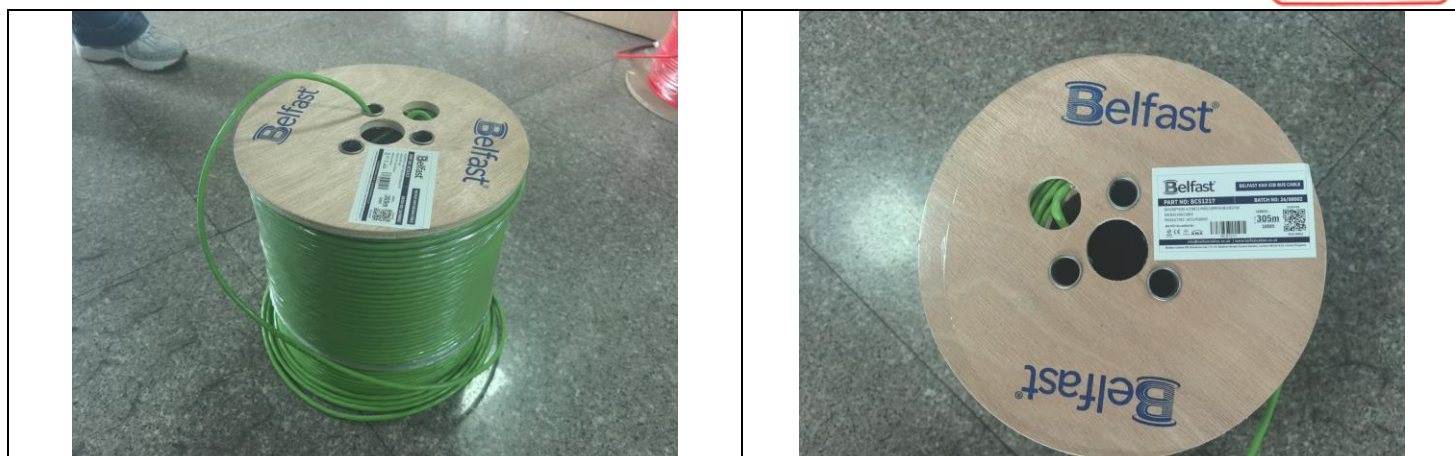
Customer: BELFAST CABLES UK SOLUTIONS LTD.

1.6	Check of outer sheath: cable marking	EN50290-2	Outer sheath marking	BELFAST UK BCS1217 EIB BUS KNX CABLE 4CX0.8 MM SHIELDED PVC 300V 75C IEC 60332-1/VL1581 - BCS1YE00820 12/26 + 26/00002 + UK	Satisfactory
1.7	Outer diameter measurement	/	5.7±0.5mm	5.72mm	Satisfactory
1.8	Check of correct application of nameplates/labels on ccoil	/	Coils shall be identified by nameplate/ label indicating the type of cable. length and batch No.	Type: BCS1217 Length:305m Batch No:26/00002	Satisfactory
2.1	Conductor resistance	IEC 60228 EN50289-1-2	≤36 Ω/km	35.1/34.6/35.1/34.5 Ω/km	Satisfactory
2.2	Applied voltage test at 2000v for 1 minute	EN 50395 EN50289-1-3	No leaks	No leaks	Satisfactory
2.3	Measurement of insulation resistance between conductors, at ambient temperature at 500V AC for 60 seconds	EN 50395 EN50289-1-4	>1000MΩ/km	9780/8190 MΩ/km	Satisfactory
2.4	Capacitance measurement between conductors of a pair	EN50289-1-5	≤100 pF/m	60.4/57.8 pF/m	Satisfactory
2.5	Inductance measurement between conductors of a pair	EN50289-1-5	min. 450 max.850 μH/km	783 μH/km	Satisfactory
3.1	Flame Retardant test	IEC 60332-1	≤425mm	<425mm	Satisfactory

7.0 ATTACHMENTS TO THIS REPORT

- Attch. 01-Instrument calibration certificate
- Attch. 02-Factory Test Report of Sampled Cables & NOI Signed

8.0 PHOTOGRAPHS



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Fig1: Visual Inspection



Fig2: Visual Inspection



Fig3: Nameplate Inspection



Fig4: Marking Inspection

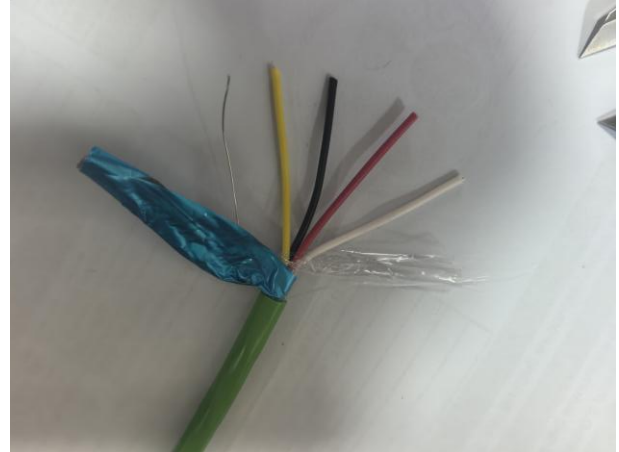


Fig5: Color inspection

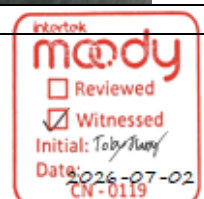


Fig6: Visual Inspection



Fig7: dimensional inspection

Fig8: dimensional inspection



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Fig9: conductor resistance inspection



Fig10: conductor resistance inspection



Fig11: Capacitance measurement



Fig12: Capacitance measurement



Fig13: Inductance measurement



Fig14: Inductance measurement



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Fig15: Applied voltage test

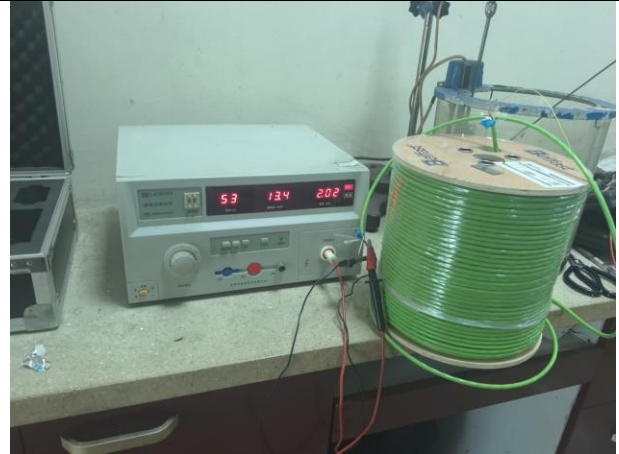


Fig16: Applied voltage test



Fig17: Measurement of insulation resistance



Fig18: Measurement of insulation resistance



Fig19: Flame Retardant inspection



Fig20: Flame Retardant inspection

intertek
moody
☐ Reviewed
☒ Witnessed
Initial: Toby Moody
Date: 2026-07-02
CN-0119

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Fig21: Insulation thickness inspection

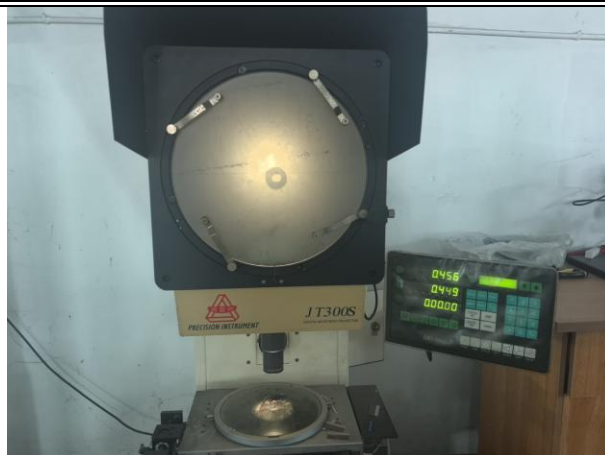


Fig22: Insulation thickness inspection

Cable Range Item Numbers:

BCS1001	BCS1736	BCS1250	BCS1733
BCS1322	BCS1255	BCS1003	BCS1252
BCS1055	BCS1008	BCS1324	BCS1005
BCS4284	BCS1190	BCS1192	BCS1259
BCS1196	BCS1329	BCS1623	BCS1326
BCS1746	BCS1741	BCS1198	BCS1010
BCS1018	BCS1262	BCS1738	BCS1331
BCS1339	BCS1013	BCS1748	BCS1638
BCS1708	BCS4411	BCS1743	BCS1200
BCS1222	BCS1334	BCS1020	BCS4503
BCS1725	BCS1211	BCS1264	BCS1750
BCS1309	BCS1659	BCS1341	BCS1271
BCS1718	BCS1703	BCS1015	BCS1022
BCS1080	BCS1217	BCS1336	BCS1698
BCS1295	BCS1025	BCS1710	BCS1343
BCS1296	BCS1754	BCS1224	BCS1213
BCS1297	BCS1278	BCS4591	BCS1027
BCS1251	BCS1029	BCS1705	BCS1712



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BCS1004	BCS1405	BCS1219	BCS1226
BCS1144	BCS1310	BCS1715	BCS1737
BCS1325	BCS1245	BCS1723	BCS1258
BCS1298	BCS1249	BCS1238	BCS1009
BCS1035	BCS1720	BCS1042	BCS1709
BCS1624	BCS1235	BCS1304	BCS1401
BCS1199	BCS1722	BCS1305	BCS1301
BCS1043	BCS1237	BCS1040	BCS1721
BCS1749	BCS1410	BCS1727	BCS1729
BCS1403	BCS1311	BCS1717	BCS1525
BCS1021	BCS1248	BCS1231	BCS1625
BCS1724	BCS1030A	BCS1406	BCS1526
BCS1342	BCS17965E-PE	BCS4562	BCS1626
BCS1731	BCS110GX24	BCS4662	BCS1527
BCS5014	BCS1299	BCS4456	BCS1627
BCS1711	BCS1411	BCS1313	BCS1528
BCS1225	BCS1412	BCS1318	BCS1628
BCS1306	BCS1102	BCS1730	BCS1529
BCS1041	BCS15602FE	BCS1732	BCS1629
BCS1300	BCS150106FLS-BLK	BCS1303	BCS1531
BCS1036	BCS146381	BCS1038	BCS1630
BCS1308	BCS1517	BCS1444	BCS1002
BCS1402	BCS1191	BCS1701	BCS1232
BCS1734	BCS1739	BCS1214	BCS1323
BCS1253	BCS1742	BCS1281	BCS1319
BCS1006	BCS1263	BCS1028	BCS1052



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BCS1327	BCS1014	BCS1621	BCS1735
BCS1203	BCS1260	BCS1197	BCS1254
BCS1752	BCS1335	BCS1747	BCS1007
BCS1272	BCS1011	BCS1019	BCS1195
BCS1023	BCS1332	BCS1340	BCS1328
BCS1344	BCS1704	BCS1189	BCS1745
BCS1713	BCS1218	BCS1726	BCS4410
BCS1227	BCS1330	BCS1740	BCS1017
BCS1307	BCS1333	BCS1261	BCS1209
BCS1728	BCS4502	BCS1012	BCS1338
BCS1302	BCS4563	BCS17814A	BCS1702
BCS1037	BCS1212	BCS110GXE01	BCS1030
BCS1026	BCS1714	BCS110GXE02	BCS1024
BCS1404	BCS1228	BCS110GXE03	BCS1220
BCS1706	BCS1753	BCS1039	BCS1215
BCS1053	BCS1707	BCS11995ENH	BCS1345
BCS1719	BCS1716	BCS1290	BCS1265
BCS1233	BCS1230	BCS1744	BCS1016
BCS1193	BCS15T00UP	BCS1337	



END OF THIS REPORT