

Certificate of Product Approval

Certificate Number: 782f

Issue: 06

DUBAI CABLE COMPANY (PRIVATE) LIMITED

Ducab-M1
Plot No. – 2D12, 3D2, 4D2, 5D2
Sector – M41
Industrial City of Abu Dhabi – 1
Mussafah
Abu Dhabi
United Arab Emirates

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Product(s)

Cable Types as listed below:
Ducab Flamm BICC 3
See Certificate Appendix for details

Standard(s) (see Appendix for details)

BS 6387:2013 (Category CWZ)
EN 60754-1:2014
EN 61034-2:2005
IEC 60331-21:1999

This Certificate is maintained and held in force through regular surveillance activities and subject to the corresponding ISO 9001 Certificate being maintained.



Signed for BRE Global Ltd.

Karen Coull
Certification Scheme Manager

09 March 2018
Date of Issue

09 August 2011
Date of First issue



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Appendix to Certificate No: 782f DUBAI CABLE COMPANY (PRIVATE) LIMITED

Issue: 06

Product name					LPCB Ref. No.
Ducab Flam BICC 3					782f/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 60754-1	EN 61034-2	IEC 60331-21
1.5	One ⁽¹⁾	CWZ ^(2,3)	<0.5% HCl	>60%	Complies ⁽⁶⁾
2.5	One ⁽¹⁾	CWZ ^(2,3)	<0.5% HCl	>60%	Complies ⁽⁶⁾
4.0	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
6.0	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
10	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
16	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
25	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
35	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
50	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
70	One ⁽¹⁾	CWZ ^(2,4,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
95	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾

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Product name					LPCB Ref. No.
Ducab Flam BICC 3					782f/01
Nominal csa of conductor (mm ²)	Core Construction (excluding drain wire and earth)	BS 6387	EN 60754-1	EN 61034-2	IEC 60331-21
120	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
150	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
185	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
240	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
300	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
400	One ⁽¹⁾	C ^(2,5)	<0.5% HCl	>60%	Complies ⁽⁶⁾
500	One ⁽¹⁾	-	<0.5% HCl	>60%	Complies ⁽⁶⁾
630	One ⁽¹⁾	-	<0.5% HCl	>60%	Complies ⁽⁶⁾
800	One ⁽¹⁾	-	<0.5% HCl	>60%	Complies ⁽⁶⁾
1000	One ⁽¹⁾	-	<0.5% HCl	>60%	Complies ⁽⁶⁾

Uo/U 600/1000V

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Notes:

1. Stranded conductor only.
2. Where a single cable is fitted in a conduit, only phase to earth voltage was applied.
3. To satisfy the requirement of BS 6387, testing for C, W & Z categories was conducted using a 20mm stainless steel conduit as the other metallic element.
4. To satisfy the requirement of BS 6387, testing for W & Z categories was conducted using a 20mm stainless steel conduit as the other metallic element.
5. To satisfy the requirement of BS 6387, testing for C category was conducted using a 38mm stainless steel conduit as the other metallic element.
6. The Ducab Flam BICC 3 cables met the requirements of IEC 60331-21: 1999 when tested at a temperature of 950°C for a duration of 90mins + 15mins cool down, at a voltage rating of 600V.

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