

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **60 156 - 09 HH**

Company **Wilson Cables Private Limited**

**142 Gul Circle, Jurong Industrial Estate  
Singapore 629602, SINGAPORE**

Product Description **XLPE insulation and PVC sheathed flame retardant power and control cables with or without Armour (-20° C)**

Type **MC-210; MC-210Q; MC-210C; MC-210T**

Environmental Category **None**

Technical Data /  
Range of Application

**Rated voltage: 0,6/1kV  
Max. Conductor temperature: 90° C  
Conductor: Plain annealed, stranded copper (class 2)  
Insulation: XLPE  
Laying-up: Fillers shall be used (if applicable)  
Inner sheath or inner covering: ST2 PVC or tapes (for armoured types)  
Armour: Q - Galvanized steel wire braided  
C - Copper wire braided  
T - Tinned copper wire braided  
Sheath: ST2 PVC  
Number of core and cross-sectional areas see page 2 of the certificate.**

Test Standard **IEC 60092-350:2008; IEC60092-351:2004; IEC 60092-353:2011;  
IEC 60092-359:1999; IEC 60332-3-22:2009**

Documents

**Test report : No. EWCS-08-001; EWCS-08-002;  
EWCS-test reports dated of 15./16.12.2008  
Specification: Company Standard 2:2004 + Amendment No.1**

Remarks **None**

Valid until **2019-03-10**

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File No. **I.N.01**

**Hamburg, 2014-03-10**

Type Approval Symbol



**Germanischer Lloyd**

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Arne Schaarmann

*i. H. E. Hunsalz*  
  
Carsten Hunsalz



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Cable type: **MC - 210**

Number of cores:	Cross-sectional area:
1, 2, 3, 4	1.0 ~ 300 mm <sup>2</sup>
5 ~ 37	1.5 ~ 2.5 mm <sup>2</sup>
5, 6, 7	4 mm <sup>2</sup>

Cable type: **MC - 210Q  
MC - 210C  
MC - 210T**

Number of cores:	Cross-sectional area:
1	1.0 ~ 300 mm <sup>2</sup>
2	1.0 ~ 120 mm <sup>2</sup>
3	1.0 ~ 150 mm <sup>2</sup>
4	1.0 ~ 95 mm <sup>2</sup>
5 ~ 37	1.0 ~ 2.5 mm <sup>2</sup>
5, 6, 7	4 mm <sup>2</sup>

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*i.A. [Signature]*  
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This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".