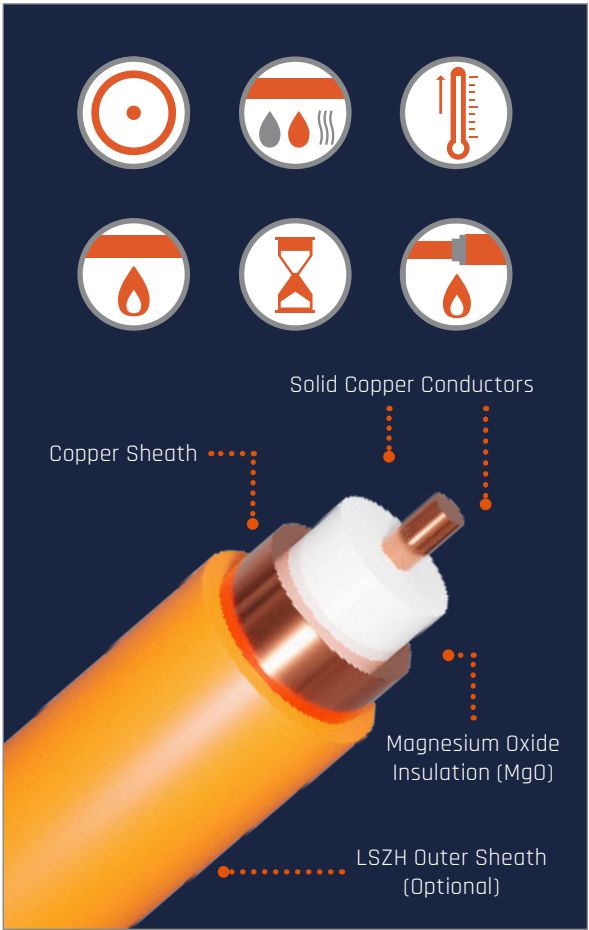


### Country of Origin, Construction, Approvals & Fire Performance

| Manufacturer                                                                                                                                | Place of Manufacture                        |
|---------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| Wrexham Cables KSA                                                                                                                          | Saudi Arabia                                |
| Cables Manufactured to                                                                                                                      | Cable Type – Known as “Fire Survival Cable” |
| BS EN 60702-1:2002+A1:2015                                                                                                                  | Fire Resistant exceeding 3 hours @ 950°C    |
| Continuous Operating Temperature                                                                                                            | LPCB Product Approval Number                |
| -40°C up to 250°C                                                                                                                           | 333a/01*1                                   |
| Applicable Standards                                                                                                                        |                                             |
| BS5839-1:2017 Enhanced to Clause 26.2, BS EN 50200:2015, BS 8434-2:2003 + A2:2009, *BS6387:2013 C,W & Z, BS 8519 & BS 8491 CAT C, BS 60331  |                                             |
| LPCB Approved Marking on Cables                                                                                                             | Insulation                                  |
| WMC KSA “Made in Saudi”                                                                                                                     | Highly compressed magnesium oxide (MgO)     |
| Hazardous area cable system ATEX / IEC Ex APPROVED UNDER SIRA LICENCE 1305X & IEC Ex SIR 19.0051X                                           |                                             |
| Apparatus (type of protection ‘d’) Zones 1 & 2, Groups IIA, IIB and IIC. Zones 20, 21 & 22, groups IIIB & IIIC. In compliance with EN 60079 |                                             |
| Copper Conductor Plain Annealed to IEC 60228 Type 1 Solid                                                                                   | Seamed Copper Sheath Construction           |
| Cu - ETP or Cu - FRHC                                                                                                                       | C12200 grade, Cu - DHP                      |
| Number of Cores                                                                                                                             |                                             |
| 1                                                                                                                                           |                                             |

\*Only cables up to 20mm \*  
1\*Under Process



## Electrical Properties

| One Core Heavy Duty MICC Cables | Voltage Rating<br>(V) | Test Voltage<br>(Factory Internal D.C Test)<br>(V) | Current Rating<br>Bare or Served<br>Cables Exposed to Touch |        | Voltage Drop<br>Cables Exposed to Touch<br>(Per Amp/Per m) | Max Conductor Resistance<br><br>Ohms per 1000m @ 20°C | Copper Sheath Resistance @ 20°C<br><br>Ohms/Km | Earth Fault Loop Impedance Resistance @ 70°C (R1+R2)<br><br>Ohms/Km |
|---------------------------------|-----------------------|----------------------------------------------------|-------------------------------------------------------------|--------|------------------------------------------------------------|-------------------------------------------------------|------------------------------------------------|---------------------------------------------------------------------|
|                                 |                       |                                                    | Bare                                                        | Served |                                                            |                                                       |                                                |                                                                     |
| 1H2.5                           | 750                   | 3750                                               | 39                                                          | 43     | 13.5                                                       | 7.41                                                  | 3.71                                           | 3.71                                                                |
| 1H4                             | 750                   | 3750                                               | 51                                                          | 56     | 8.3                                                        | 4.61                                                  | 3.09                                           | 3.09                                                                |
| 1H6                             | 750                   | 3750                                               | 47                                                          | 52     | 6                                                          | 3.08                                                  | 2.67                                           | 5.318                                                               |
| 1H10                            | 750                   | 3750                                               | 63                                                          | 70     | 3.6                                                        | 1.83                                                  | 2.23                                           | 3.545                                                               |
| 1H16                            | 750                   | 3750                                               | 83                                                          | 92     | 2.3                                                        | 1.15                                                  | 1.81                                           | 2.471                                                               |
| 1H25                            | 750                   | 3750                                               | 108                                                         | 120    | 1.45                                                       | 0.727                                                 | 1.40                                           | 1.715                                                               |
| 1H35                            | 750                   | 3750                                               | 132                                                         | 147    | 1.05                                                       | 0.524                                                 | 1.17                                           | 1.329                                                               |
| 1H50                            | 750                   | 3750                                               | 163                                                         | 181    | 0.79                                                       | 0.387                                                 | 0.959                                          | 1.040                                                               |
| 1H70                            | 750                   | 3750                                               | 199                                                         | 221    | 0.55                                                       | 0.268                                                 | 0.767                                          | 0.781                                                               |
| 1H95                            | 750                   | 3750                                               | 237.5                                                       | 264    | 0.41                                                       | 0.193                                                 | 0.646                                          | 0.819                                                               |
| 1H120                           | 750                   | 3750                                               | 272.5                                                       | 303    | 0.33                                                       | 0.153                                                 | 0.556                                          | 0.516                                                               |
| 1H150                           | 750                   | 3750                                               | 311                                                         | 446    | 0.29                                                       | 0.124                                                 | 0.479                                          | 0.435                                                               |
| 1H185                           | 750                   | 3750                                               | 353                                                         | 392    | 0.25                                                       | 0.101                                                 | 0.412                                          | 0.368                                                               |
| 1H240                           | 750                   | 3750                                               | 411                                                         | 457    | 0.21                                                       | 0.0775                                                | 0.341                                          | 0.297                                                               |

## MICC Resistance, Reactance & Impedance

Single-core cables laid side by side:

| Cable Type | Resistance R (Ω/Km) |       |       |       |       |       |       |        |       | Reactance R (Ω/Km) |       |       | Impedance R (Ω/Km) |       |       |       |       |       |       |       |       |
|------------|---------------------|-------|-------|-------|-------|-------|-------|--------|-------|--------------------|-------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | 30c                 |       |       | 70c   |       |       | 105c  |        |       |                    |       |       | 30c                |       |       | 70c   |       |       | 105c  |       |       |
|            | *U                  | *V    | *W    | *U    | *V    | *W    | *U    | *V     | *W    | *U                 | *V    | *W    | *U                 | *V    | *W    | *U    | *V    | *W    | *U    | *V    | *W    |
| 1H2.5      | 7.740               | 7.702 | 7.665 | 8.905 | 8.886 | 8.829 | 9.924 | 9.885  | 9.848 | 0.149              | 0.128 | 0.150 | 7.742              | 7.703 | 7.667 | 8.906 | 8.867 | 8.831 | 9.925 | 9.886 | 9.850 |
| 1H4        | 4.831               | 4.792 | 4.755 | 5.555 | 5.516 | 5.480 | 6.189 | 6.150  | 6.113 | 0.140              | 0.120 | 0.142 | 4.833              | 4.793 | 4.757 | 5.557 | 5.517 | 5.482 | 6.190 | 6.151 | 6.115 |
| 1H6        | 3.241               | 3.202 | 3.166 | 3.725 | 3.686 | 3.649 | 4.418 | 4.109  | 4.073 | 0.132              | 0.112 | 0.135 | 3.244              | 3.204 | 3.168 | 3.727 | 3.687 | 3.652 | 4.150 | 4.111 | 4.075 |
| 1H10       | 1.942               | 1.903 | 1.867 | 2.229 | 2.190 | 2.154 | 2.481 | 2.442  | 2.406 | 0.124              | 0.104 | 0.127 | 1.946              | 1.905 | 1.871 | 2.233 | 2.198 | 2.158 | 2.484 | 2.444 | 2.409 |
| 1H16       | 1.236               | 1.196 | 1.161 | 1.416 | 1.377 | 1.341 | 1.574 | 1.535  | 1.499 | 0.117              | 0.098 | 0.121 | 1.242              | 1.200 | 1.167 | 1.421 | 1.380 | 1.347 | 1.579 | 1.538 | 1.504 |
| 1H25       | 0.797               | 0.757 | 0.722 | 0.911 | 0.871 | 0.836 | 1.011 | 0.971  | 0.935 | 0.112              | 0.093 | 0.117 | 0.805              | 0.762 | 0.731 | 0.918 | 0.876 | 0.844 | 1.017 | 0.975 | 0.943 |
| 1H35       | 0.587               | 0.546 | 0.512 | 0.669 | 0.628 | 0.594 | 0.74  | 0.700  | 0.665 | 0.107              | 0.089 | 0.113 | 0.597              | 0.553 | 0.524 | 0.677 | 0.634 | 0.604 | 0.748 | 0.706 | 0.643 |
| 1H50       | 0.446               | 0.404 | 0.371 | 0.506 | 0.464 | 0.431 | 0.558 | 0.517  | 0.483 | 0.103              | 0.085 | 0.110 | 0.457              | 0.413 | 0.387 | 0.516 | 0.472 | 0.445 | 0.568 | 0.524 | 0.496 |
| 1H70       | 0.323               | 0.280 | 0.249 | 0.364 | 0.322 | 0.290 | 0.401 | 0.359  | 0.326 | 0.099              | 0.083 | 0.108 | 0.338              | 0.292 | 0.271 | 0.378 | 0.333 | 0.309 | 0.413 | 0.368 | 0.343 |
| 1H95       | 0.246               | 0.203 | 0.172 | 0.276 | 0.233 | 0.201 | 0.302 | 0.259  | 0.227 | 0.096              | 0.080 | 0.106 | 0.264              | 0.218 | 0.202 | 0.292 | 0.246 | 0.227 | 0.317 | 0.271 | 0.250 |
| 1H120      | 0.206               | 0.161 | 0.132 | 0.229 | 0.185 | 0.155 | 0.249 | 0.206  | 0.175 | 0.093              | 0.078 | 0.105 | 0.226              | 0.179 | 0.169 | 0.248 | 0.201 | 0.187 | 0.267 | 0.220 | 0.203 |
| 1H150      | 0.177               | 0.132 | 0.104 | 0.195 | 0.151 | 0.122 | 0.212 | 0.168  | 0.138 | 0.090              | 0.077 | 0.104 | 0.199              | 0.153 | 0.147 | 0.216 | 0.169 | 0.160 | 0.231 | 0.185 | 0.172 |
| 1H185      | 0.154               | 0.107 | 0.083 | 0.168 | 0.122 | 0.096 | 0.181 | 0.135  | 0.108 | 0.086              | 0.077 | 0.104 | 0.177              | 0.132 | 0.133 | 0.190 | 0.144 | 0.141 | 0.202 | 0.156 | 0.150 |
| 1H240      | 0.132               | 0.083 | 0.063 | 0.142 | 0.095 | 0.072 | 0.152 | 0.104  | 0.081 | 0.082              | 0.077 | 0.104 | 0.155              | 0.113 | 0.122 | 0.166 | 0.122 | 0.127 | 0.175 | 1.130 | 0.132 |
| 1H300      | 0.122               | 0.073 | 0.056 | 0.130 | 0.082 | 0.062 | 0.137 | 0.090  | 0.068 | 0.078              | 0.076 | 0.103 | 0.145              | 0.105 | 0.117 | 0.153 | 0.112 | 0.121 | 0.161 | 1.118 | 0.124 |
| 1H400      | 0.104               | 0.054 | 0.038 | 0.110 | 0.061 | 0.042 | 0.115 | 0.0067 | 0.046 | 0.077              | 0.076 | 0.103 | 0.129              | 0.094 | 0.110 | 0.136 | 0.098 | 0.112 | 0.142 | 0.102 | 0.114 |

U,V,W - \*Current ratings are for 3 phase operation, single conductor cables installed horizontally spaced.

## MICC Resistance, Reactance & Impedance

Single-core triplet cables:

| Cable Type | Resistance R ( $\Omega$ /Km) |       |       | Reactance X ( $\Omega$ /Km) | Impedance Z ( $\Omega$ /Km) |       |       |
|------------|------------------------------|-------|-------|-----------------------------|-----------------------------|-------|-------|
|            | 30c                          | 70c   | 105c  |                             | 30c                         | 70c   | 105c  |
| 1H2.5      | 7.702                        | 8.866 | 9.855 | 0.139                       | 7.703                       | 8.867 | 9.886 |
| 1H4        | 4.792                        | 5.516 | 6.15  | 0.128                       | 4.793                       | 5.518 | 6.650 |
| 1H6        | 3.202                        | 3.686 | 4.109 | 0.120                       | 3.204                       | 3.687 | 4.111 |
| 1H10       | 1.903                        | 2.190 | 2.442 | 0.112                       | 1.906                       | 2.193 | 2.444 |
| 1H16       | 1.196                        | 1.377 | 1.535 | 0.104                       | 1.200                       | 1.380 | 1.538 |
| 1H25       | 0.757                        | 0.871 | 0.971 | 0.098                       | 0.763                       | 0.876 | 0.975 |
| 1H35       | 0.546                        | 0.628 | 0.700 | 0.093                       | 0.554                       | 0.635 | 0.706 |
| 1H50       | 0.404                        | 0.465 | 0.518 | 0.079                       | 0.413                       | 0.473 | 0.525 |
| 1H70       | 0.281                        | 0.323 | 0.360 | 0.085                       | 0.293                       | 0.333 | 0.369 |
| 1H95       | 0.204                        | 0.234 | 0.260 | 0.083                       | 0.219                       | 0.247 | 0.272 |
| 1H120      | 0.163                        | 0.186 | 0.207 | 0.080                       | 0.180                       | 0.202 | 0.221 |
| 1H150      | 0.133                        | 0.152 | 0.169 | 0.078                       | 0.154                       | 0.170 | 0.185 |
| 1H185      | 0.109                        | 0.123 | 0.137 | 0.077                       | 0.133                       | 0.145 | 0.157 |
| 1H240      | 0.086                        | 0.096 | 0.106 | 0.076                       | 0.155                       | 0.123 | 0.131 |
| 1H300      | 0.076                        | 0.084 | 0.092 | 0.076                       | 0.107                       | 0.113 | 0.119 |
| 1H400      | 0.075                        | 0.063 | 0.069 | 0.075                       | 0.095                       | 0.099 | 0.103 |

U,V,W - \*Current ratings are for 3 phase operation, single conductor cables installed horizontally spaced.

## MICC Resistance, Reactance & Impedance

Single-core cables laid at the distance of a diameter:

| Cable Type | Resistance R (Ω/Km) |       |       |       |       |       |       |       |       | Reactance R (Ω/Km) |       |       | Impedance R (Ω/Km) |       |       |       |       |       |       |       |       |
|------------|---------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|-------|-------|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|
|            | 30c                 |       |       | 70c   |       |       | 105c  |       |       |                    |       |       | 30c                |       |       | 70c   |       |       | 105c  |       |       |
|            | *U                  | *V    | *W    | *U    | *V    | *W    | *U    | *V    | *W    | *U                 | *V    | *W    | *U                 | *V    | *W    | *U    | *V    | *W    | *U    | *V    | *W    |
| 1H2.5      | 7.743               | 7.703 | 7.767 | 8.907 | 8.867 | 8.831 | 9.925 | 9.886 | 9.850 | 0.192              | 0.171 | 0.194 | 7.745              | 7.705 | 7.670 | 8.907 | 8.867 | 8.831 | 9.927 | 9.888 | 9.852 |
| 1H4        | 4.833               | 4.793 | 4.728 | 5.557 | 5.518 | 5.482 | 6.191 | 6.151 | 6.115 | 0.183              | 0.163 | 0.186 | 4.837              | 4.796 | 4.762 | 5.560 | 5.520 | 5.485 | 6.194 | 6.154 | 6.118 |
| 1H6        | 3.244               | 3.203 | 3.169 | 3.727 | 3.687 | 3.652 | 4.150 | 4.111 | 4.075 | 0.175              | 0.156 | 0.179 | 3.248              | 3.207 | 3.174 | 3.731 | 3.691 | 3.656 | 4.154 | 4.114 | 4.079 |
| 1H10       | 1.946               | 1.905 | 1.870 | 2.232 | 2.192 | 2.157 | 2.484 | 2.443 | 2.408 | 0.167              | 0.148 | 0.171 | 1.953              | 1.911 | 1.878 | 2.239 | 2.197 | 2.164 | 2.489 | 2.448 | 2.414 |
| 1H16       | 1.24                | 1.199 | 1.165 | 1.420 | 1.379 | 1.345 | 1.578 | 1.537 | 1.502 | 0.160              | 0.141 | 0.165 | 1.250              | 1.207 | 1.177 | 1.429 | 1.386 | 1.355 | 1.586 | 1.543 | 1.511 |
| 1H25       | 0.803               | 0.760 | 0.728 | 0.916 | 0.874 | 0.841 | 1.015 | 0.973 | 0.940 | 0.154              | 0.136 | 0.161 | 0.817              | 0.772 | 0.746 | 0.928 | 0.884 | 0.856 | 1.026 | 0.983 | 0.954 |
| 1H35       | 0.593               | 0.550 | 0.519 | 0.674 | 0.632 | 0.600 | 0.745 | 0.703 | 0.671 | 0.150              | 0.132 | 0.157 | 0.611              | 0.566 | 0.543 | 0.690 | 0.645 | 0.620 | 0.760 | 0.716 | 0.689 |
| 1H50       | 0.453               | 0.409 | 0.379 | 0.512 | 0.469 | 0.438 | 0.564 | 0.521 | 0.490 | 0.145              | 0.129 | 0.154 | 0.475              | 0.429 | 0.410 | 0.532 | 0.486 | 0.465 | 0.583 | 0.537 | 0.514 |
| 1H70       | 0.332               | 0.287 | 0.259 | 0.372 | 0.328 | 0.299 | 0.408 | 0.364 | 0.334 | 0.140              | 0.126 | 0.152 | 0.360              | 0.313 | 0.301 | 0.398 | 0.351 | 0.336 | 0.431 | 0.385 | 0.367 |
| 1H95       | 0.257               | 0.210 | 0.185 | 0.285 | 0.239 | 0.212 | 0.310 | 0.265 | 0.237 | 0.136              | 0.123 | 0.150 | 0.289              | 0.244 | 0.239 | 0.315 | 0.269 | 0.260 | 0.339 | 0.292 | 0.281 |
| 1H120      | 0.217               | 0.170 | 0.147 | 0.239 | 0.193 | 0.168 | 0.259 | 0.213 | 0.186 | 0.133              | 0.121 | 0.149 | 0.253              | 0.209 | 0.209 | 0.273 | 0.228 | 0.224 | 0.291 | 0.245 | 0.238 |
| 1H150      | 0.190               | 0.142 | 0.121 | 0.207 | 0.160 | 0.137 | 0.222 | 0.176 | 0.151 | 0.129              | 0.120 | 0.147 | 0.227              | 0.185 | 0.190 | 0.243 | 0.199 | 0.201 | 0.257 | 0.213 | 0.211 |
| 1H185      | 0.169               | 0.120 | 0.105 | 0.182 | 0.134 | 0.116 | 0.194 | 0.146 | 0.126 | 0.123              | 0.119 | 0.147 | 0.205              | 0.168 | 0.179 | 0.218 | 0.178 | 0.187 | 0.194 | 0.146 | 0.126 |
| 1H240      | 0.148               | 0.100 | 0.141 | 0.158 | 0.110 | 0.097 | 0.167 | 0.118 | 0.103 | 0.116              | 0.117 | 0.145 | 0.183              | 0.153 | 0.168 | 0.194 | 0.160 | 0.178 | 0.203 | 0.166 | 0.178 |
| 1H300      | 0.139               | 0.093 | 0.085 | 0.147 | 0.099 | 0.088 | 0.154 | 0.105 | 0.092 | 0.112              | 0.115 | 0.143 | 0.172              | 0.146 | 0.162 | 0.182 | 0.151 | 0.166 | 0.190 | 0.156 | 0.170 |
| 1H400      | 0.120               | 0.075 | 0.069 | 0.126 | 0.079 | 0.071 | 0.131 | 0.83  | 0.073 | 0.108              | 0.115 | 0.142 | 0.155              | 0.135 | 0.152 | 0.163 | 0.139 | 0.160 | 0.170 | 0.142 | 0.159 |

U,V,W - \*Current ratings are for 3 phase operation, single conductor cables installed horizontally spaced.

**Current Carrying Capacity LSZH or Bare and Exposed to Touch**

| One Core Heavy Duty MICC Cables | single phase A,C or D.C - 2 single Core Cables touching |                 | Three Phase a.c |             |                 |                   | 3 single core cables flat & spaced by one cable diameter (AMPS) |            |
|---------------------------------|---------------------------------------------------------|-----------------|-----------------|-------------|-----------------|-------------------|-----------------------------------------------------------------|------------|
|                                 | Ref C * (Amps)                                          | Ref E, F & G ** | Ref C* ***      | Ref C* **** | Ref E,F & G *** | Ref E,F & G ***** | Vertical                                                        | Horizontal |
| 1H2.5                           | 34                                                      | 28              | 31              | 36          | 30              | 34                | 37                                                              | 43         |
| 1H4                             | 45                                                      | 37              | 41              | 47          | 40              | 45                | 49                                                              | 56         |
| 1H6                             | 57                                                      | 48              | 52              | 60          | 51              | 57                | 62                                                              | 71         |
| 1H10                            | 77                                                      | 65              | 70              | 82          | 69              | 77                | 84                                                              | 95         |
| 1H16                            | 102                                                     | 86              | 92              | 109         | 92              | 102               | 110                                                             | 125        |
| 1H25                            | 133                                                     | 112             | 120             | 142         | 120             | 132               | 142                                                             | 162        |
| 1H35                            | 163                                                     | 137             | 147             | 174         | 147             | 161               | 173                                                             | 197        |
| 1H50                            | 202                                                     | 169             | 181             | 215         | 182             | 198               | 213                                                             | 242        |
| 1H70                            | 247                                                     | 207             | 221             | 264         | 223             | 241               | 259                                                             | 294        |
| 1H95                            | 296                                                     | 249             | 264             | 317         | 267             | 289               | 309                                                             | 351        |
| 1H120                           | 340                                                     | 286             | 303             | 364         | 308             | 331               | 353                                                             | 402        |
| 1H150                           | 388                                                     | 372             | 346             | 416         | 352             | 377               | 400                                                             | 454        |
| 1H185                           | 440                                                     | 371             | 392             | 472         | 399             | 426               | 446                                                             | 507        |
| 1H240                           | 514                                                     | 434             | 457             | 552         | 466             | 496               | 497                                                             | 565        |

\* Clipped direct \*\* In free air, perforated cable tray horizontal or vertical \*\*\* 3 single core cables in trefoil \*\*\*\* 3 single core cables flat and touching, horizontal or vertical \*\*\*\*\* 3 Single core cables flat & touching

**NOTES:**

Ambient Temp 30°C Sheath operating temperature 70°C For single - core cables, the sheaths of the circuit are assumed to be connected together at both ends. For bare cables exposed to touch, the tabulated values should be multiplied by 0.9

\* Clipped direct \*\* In free air, perforated cable tray horizontal or vertical

## Mechanical Properties

| One Core<br>Heavy Duty<br>MICC Cables | Cable Diameter |        | Conductor<br>Diameter | Copper<br>Sheath Mean<br>Thickness | Nominal<br>Insulation<br>Thickness<br><br>(MgO)<br>(mm) | Mean Serving<br>Thickness (LSZH<br>Optional Outer<br>Covering)<br><br>(mm) | Approx Weight per<br>1000m<br><br>(Kg) |        | Minimum Bend<br>Radius (6 Times<br>Diameter of<br>Cable)<br><br>(mm) |
|---------------------------------------|----------------|--------|-----------------------|------------------------------------|---------------------------------------------------------|----------------------------------------------------------------------------|----------------------------------------|--------|----------------------------------------------------------------------|
|                                       | (mm)           |        |                       |                                    |                                                         |                                                                            | Bare                                   | Served |                                                                      |
|                                       | Bare           | Served | (mm <sup>2</sup> )    | (mm)                               |                                                         |                                                                            |                                        |        |                                                                      |
| 1H2.5                                 | 5.3            | 6.6    | 2.5                   | 0.42                               | 1.3                                                     | 0.65                                                                       | 111                                    | 128    | 31.8                                                                 |
| 1H4                                   | 5.9            | 7.2    | 4                     | 0.45                               | 1.3                                                     | 0.65                                                                       | 143                                    | 166    | 35.4                                                                 |
| 1H6                                   | 6.4            | 7.7    | 6                     | 0.48                               | 1.3                                                     | 0.65                                                                       | 173                                    | 213    | 38.4                                                                 |
| 1H10                                  | 7.3            | 9.0    | 10                    | 0.50                               | 1.3                                                     | 0.75                                                                       | 241                                    | 274    | 43.8                                                                 |
| 1H16                                  | 8.3            | 10.0   | 16                    | 0.54                               | 1.3                                                     | 0.75                                                                       | 327                                    | 364    | 49.8                                                                 |
| 1H25                                  | 9.6            | 11.3   | 25                    | 0.60                               | 1.3                                                     | 0.75                                                                       | 458                                    | 500    | 57.6                                                                 |
| 1H35                                  | 10.7           | 12.4   | 35                    | 0.64                               | 1.3                                                     | 0.75                                                                       | 600                                    | 650    | 64.2                                                                 |
| 1H50                                  | 12.1           | 13.8   | 50                    | 0.69                               | 1.3                                                     | 0.75                                                                       | 760                                    | 812    | 72.6                                                                 |
| 1H70                                  | 13.7           | 15.4   | 70                    | 0.76                               | 1.3                                                     | 0.75                                                                       | 1019                                   | 1080   | 82.2                                                                 |
| 1H95                                  | 15.4           | 17.7   | 95                    | 0.80                               | 1.3                                                     | 1.00                                                                       | 1326                                   | 1416   | 92.4                                                                 |
| 1H120                                 | 16.8           | 19.1   | 120                   | 0.85                               | 1.3                                                     | 1.00                                                                       | 1615                                   | 1713   | 100.8                                                                |
| 1H150                                 | 18.4           | 20.7   | 150                   | 0.90                               | 1.3                                                     | 1.00                                                                       | 1952                                   | 2059   | 110.4                                                                |
| 1H185                                 | 20.4           | 23.2   | 185                   | 0.94                               | 1.4                                                     | 1.25                                                                       | 2425                                   | 2570   | 122.4                                                                |
| 1H240                                 | 23.3           | 26.1   | 240                   | 0.99                               | 1.6                                                     | 1.25                                                                       | 3146                                   | 3312   | 139.8                                                                |

**Product Part Codes**

| One Core Heavy Duty MICC Cables | WMC Cable Part Code for Bare or CC MICC | WMC Cable Part Code for LSZH Served or CCM MICC | IEC Ex & ATEX Approved Cable Gland |          | Seal Kits WRPS Plain or WRPSL E/T | Shrouds (PVC) |       | Shrouds (LSZH) |       | Lockwasher WRLM or WRLWS Serrated Washer |      | Bare Single Clips (P Clips) 1 Clip every 0.4m | LSZH Single Clips (P Clips) 1 Clip every 0.4m | Bare Two Way Clips (Saddles) 1 Clip every 0.4m | LSZH Two Way Clips (Saddles) 1 Clip every 0.4m |
|---------------------------------|-----------------------------------------|-------------------------------------------------|------------------------------------|----------|-----------------------------------|---------------|-------|----------------|-------|------------------------------------------|------|-----------------------------------------------|-----------------------------------------------|------------------------------------------------|------------------------------------------------|
|                                 | Cable Size Followed By                  | Cable Size Followed By                          | WRGM                               |          | WRPS/WRPSL                        | WRHG          |       | WRHGMM         |       | WRLM/WRLWS                               |      | WRC                                           | WRCHL                                         | WRS                                            | WRSFL                                          |
|                                 |                                         |                                                 | ***                                | ****     |                                   | ***           | ****  | ***            | ****  | ***                                      | **** |                                               |                                               |                                                |                                                |
| 1H2.5                           | BARE/*                                  | LSF/**/*                                        | 1H2.5/20                           | 1H2.5/20 | 1H2.5                             | 20/**         | 20/** | 20/**          | 20/** | 20                                       | 20   | 20                                            | 25/**                                         | 202                                            | 272/**                                         |
| 1H4                             | BARE/*                                  | LSF/**/*                                        | 1H4/20                             | 1H4/20   | 1H4                               | 20/**         | 20/** | 20/**          | 20/** | 20                                       | 20   | 22                                            | 28/**                                         | 222                                            | 272/**                                         |
| 1H6                             | BARE/*                                  | LSF/**/*                                        | 1H6/20                             | 1H6/20   | 1H6                               | 20/**         | 20/** | 20/**          | 20/** | 20                                       | 20   | 24                                            | 30/**                                         | 272                                            | 342/**                                         |
| 1H10                            | BARE/*                                  | LSF/**/*                                        | 1H10/20                            | 1H10/25  | 1H10                              | 20/**         | !     | 20/**          | 25/** | 20                                       | 25   | 28                                            | 34/**                                         | 302                                            | 342/**                                         |
| 1H16                            | BARE/*                                  | LSF/**/*                                        | 1H16/20                            | 1H16/25  | 1H16                              | 20/**         | !     | 20/**          | 25/** | 20                                       | 25   | 32                                            | 37/**                                         | 342                                            | 422/**                                         |
| 1H25                            | BARE/*                                  | LSF/**/*                                        | 1H25/20                            | 1H25/32  | 1H25                              | 20/**         | !     | 20/**          | 32/** | 20                                       | 32   | 37                                            | 43/**                                         | 382                                            | 462/**                                         |
| 1H35                            | BARE/*                                  | LSF/**/*                                        | 1H35/20                            | 1H35/32  | 1H35                              | 20/**         | !     | 20/**          | 32/** | 20                                       | 32   | 40                                            | 47/**                                         | 422                                            | 502/**                                         |
| 1H50                            | BARE/*                                  | LSF/**/*                                        | 1H50/25                            | 1H50/40  | 1H50                              | !             | !     | 25/**          | 40/** | 25                                       | 40   | 47                                            | 54/**                                         | 502                                            | 542/**                                         |
| 1H70                            | BARE/*                                  | LSF/**/*                                        | 1H70/25                            | -        | 1H70                              | !             | !     | 25/**          | N/A   | 25                                       | N/A  | 54                                            | 59/**                                         | 542                                            | 632/**                                         |
| 1H95                            | BARE/*                                  | LSF/**/*                                        | 1H95/25                            | -        | 1H95                              | !             | !     | 25/**          | N/A   | 25                                       | N/A  | 59                                            | 67/**                                         | 632                                            | 702/**                                         |
| 1H120                           | BARE/*                                  | LSF/**/*                                        | 1H120/32                           | -        | 1H120                             | !             | !     | 32/**          | N/A   | 32                                       | N/A  | 63                                            | 75/**                                         | 702                                            | 752/**                                         |
| 1H150                           | BARE/*                                  | LSF/**/*                                        | 1H150/32                           | -        | 1H150                             | !             | !     | 32/**          | N/A   | 32                                       | N/A  | 71                                            | 79/**                                         | 752                                            | 812/**                                         |
| 1H185                           | BARE/*                                  | LSF/**/*                                        | 1H185/32                           | -        | 1H185                             | !             | !     | 32/**          | N/A   | 32                                       | N/A  | 79                                            | 88/**                                         | 812                                            | 932/**                                         |
| 1H240                           | BARE/*                                  | LSF/**/*                                        | 1H240/40                           | -        | 1H240                             | !             | !     | 40/**          | N/A   | 40                                       | N/A  | 88                                            | 101/**                                        | 932                                            | 1042/**                                        |

D or C depending on drum or coil | \*\* Cable colour e.g. RD = RED, OE = ORANGE, BK = BLACK, WE = WHITE  
 Seal choice: \*\*\* Represents Standard seal (WRPS) requirements \*\*\*\* Represents E/T seal (WRPSL) requirements (Only available up to 50mm2)