

LONGFLEX® MC 710 P



**产品应用**  
作为控制电缆应用于机床、传输带、机械制造生产线，木工机械等。特别适用于油污潮湿环境，适合固定应用或非持续来回运动的弯曲运动及低速运动环境。非常适用于室外安装。



**特点**  
阻燃性满足 FT2 要求  
具有较好的柔韧性  
具有较小的弯曲半径  
特别耐油、耐磨耐水解

| 电缆结构 |                               | 技术参数      |                                            |
|------|-------------------------------|-----------|--------------------------------------------|
| 导体   | 精细裸铜绞合导体，符合 IEC 60228 5 类导体标准 | 温度范围      | 固定应用：-40℃~80℃ 偶尔移动：-5℃~60℃                 |
| 绝缘   | PVC                           | 测试电压      | 2000V/min (AC)                             |
| 绝缘颜色 | 符合 DIN VDE 0293, 黑色芯线印白色数字编号  | 绝缘电阻（20℃） | ≥ 10MΩ.km                                  |
| 屏蔽   | 无                             | 额定电压      | 300/500V                                   |
| 护套   | PUR                           | 最小弯曲半径    | 固定应用：6D (D= 电缆直径)<br>移动应用: 12.5D (D= 电缆直径) |
| 颜色   | 灰色 (近似 RAL 7001)              | 拖链运行次数    | 100~300 万次                                 |

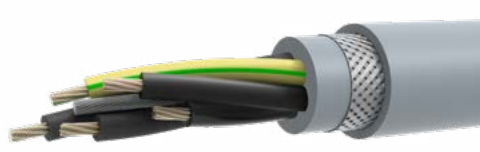
| 产品编码      | 产品规格<br>(mm²) | 电缆外径<br>(mm) | 铜用量<br>(kg/km) | 电缆净重<br>(kg/km) |
|-----------|---------------|--------------|----------------|-----------------|
| ZL5710001 | 2×0.5         | 5.40         | 9.87           | 40.1            |
| ZL5710002 | 3G0.5         | 5.60         | 14.81          | 47.57           |
| ZL5710004 | 4G0.5         | 6.30         | 19.93          | 61.12           |
| ZL5710006 | 5G0.5         | 6.80         | 24.91          | 68.28           |
| ZL5710008 | 7G0.5         | 7.8          | 34.2           | 88.2            |
| ZL5710010 | 10G0.5        | 9.40         | 51.75          | 129.02          |
| ZL5710011 | 12G0.5        | 9.60         | 62.09          | 146.12          |
| ZL5710012 | 18G0.5        | 11.30        | 93.14          | 209.25          |
| ZL5710013 | 25G0.5        | 13.8         | 122.1          | 274.8           |
| ZL5710016 | 2×0.75        | 5.80         | 14.81          | 49.04           |
| ZL5710017 | 3G0.75        | 6.10         | 22.21          | 59.14           |
| ZL5710019 | 4G0.75        | 6.70         | 29.9           | 76.17           |
| ZL5710021 | 5G0.75        | 7.60         | 37.37          | 91.71           |
| ZL5710023 | 7G0.75        | 8.8          | 51.3           | 118.2           |
| ZL5710025 | 10G0.75       | 10.20        | 77.62          | 164.37          |
| ZL5710026 | 12G0.75       | 10.70        | 93.14          | 192.11          |
| ZL5710027 | 18G0.75       | 12.40        | 139.71         | 272.99          |
| ZL5710028 | 25G0.75       | 15.10        | 197.64         | 383.5           |
| ZL5710031 | 2×1           | 6.10         | 19.74          | 57.21           |
| ZL5710032 | 3G1           | 6.40         | 29.61          | 69.85           |
| ZL5710034 | 4G1           | 6.9          | 39.1           | 81.9            |
| ZL5710036 | 5G1           | 8.10         | 49.83          | 108.55          |
| ZL5710038 | 7G1           | 9.3          | 68.4           | 140.1           |

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|-----------|---------------|--------------|----------------|-----------------|
| ZL5710039 | 10G1          | 11.00        | 103.49         | 202.23          |
| ZL5710040 | 12G1          | 11.30        | 124.19         | 231.21          |
| ZL5710041 | 18G1          | 13.20        | 186.28         | 330.57          |
| ZL5710042 | 25G1          | 16.10        | 263.52         | 464.61          |
| ZL5710045 | 2×1.5         | 6.60         | 28.92          | 71.48           |
| ZL5710046 | 3G1.5         | 6.90         | 43.37          | 88.78           |
| ZL5710048 | 4G1.5         | 8.10         | 58.39          | 120.89          |
| ZL5710050 | 5G1.5         | 8.70         | 72.99          | 138.5           |
| ZL5710052 | 7G1.5         | 10.1         | 100.1          | 179.8           |
| ZL5710054 | 12G1.5        | 12.40        | 181.92         | 304.1           |
| ZL5710055 | 18G1.5        | 14.80        | 272.88         | 447.01          |
| ZL5710056 | 25G1.5        | 17.90        | 386.02         | 626.17          |
| ZL5710059 | 3G2.5         | 8.70         | 72.29          | 142.89          |
| ZL5710060 | 4G2.5         | 9.60         | 97.32          | 183.81          |
| ZL5710061 | 5G2.5         | 10.70        | 121.65         | 217.16          |
| ZL5710062 | 7G2.5         | 12.5         | 166.9          | 284.6           |
| ZL5710063 | 12G2.5        | 15.50        | 303.2          | 489.63          |
| ZL5710064 | 4G4           | 11.40        | 156.96         | 273.05          |
| ZL5710065 | 5G4           | 13.0         | 192.2          | 305.6           |
| ZL5710067 | 4G6           | 14           | 230.7          | 368.8           |
| ZL5710068 | 5G6           | 15.6         | 288.4          | 444.3           |
| ZL5710070 | 4G10          | 17.4         | 390.6          | 581.3           |

LONGFLEX® MC 710 CP



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**特点**  
阻燃性满足 FT2 要求  
具有较小的弯曲半径和较好的柔韧性  
特别耐油，耐磨耐水解  
抗外部电磁干扰性能极佳

| 电缆结构 |                               | 技术参数      |                                            |
|------|-------------------------------|-----------|--------------------------------------------|
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| 绝缘   | PVC                           | 测试电压      | 2000V/min (AC)                             |
| 绝缘颜色 | 符合 DIN VDE 0293, 黑色芯线印白色数字编号  | 绝缘电阻（20℃） | ≥ 10MΩ.km                                  |
| 内护套  | PVC                           | 额定电压      | 300/500V                                   |
| 屏蔽   | 镀锡铜编织                         | 最小弯曲半径    | 固定应用：6D (D= 电缆直径)<br>移动应用: 12.5D (D= 电缆直径) |
| 护套   | PUR                           | 拖链运行次数    | 100~300 万次                                 |
| 颜色   | 灰色 (近似 RAL 7001)              |           |                                            |

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|-----------|---------------|--------------|----------------|-----------------|
| ZL5710074 | 2×0.75        | 7.70         | 28.83          | 92.37           |
| ZL5710075 | 3G0.75        | 8.00         | 37.07          | 103.64          |
| ZL5710077 | 4G0.75        | 8.50         | 46.19          | 120.08          |
| ZL5710079 | 5G0.75        | 9.20         | 55.73          | 135.25          |
| ZL5710081 | 7G0.75        | 10.2         | 77.3           | 166.3           |
| ZL5710083 | 12G0.75       | 12.60        | 124.85         | 263.73          |
| ZL5710084 | 18G0.75       | 14.60        | 186.54         | 372.7           |
| ZL5710085 | 25G0.75       | 17.10        | 254.78         | 496.73          |
| ZL5710088 | 2×1           | 8.00         | 34.66          | 103.29          |
| ZL5710089 | 3G1           | 8.30         | 45.44          | 117.12          |
| ZL5710091 | 4G1           | 8.90         | 57.24          | 136.85          |
| ZL5710093 | 5G1           | 9.70         | 69.4           | 154.55          |
| ZL5710094 | 7G1           | 10.8         | 96.1           | 191.4           |
| ZL5710095 | 12G1          | 13.30        | 166.87         | 316.78          |
| ZL5710096 | 18G1          | 15.40        | 236.48         | 436.65          |
| ZL5710097 | 25G1          | 18.2         | 307.7          | 544.8           |
| ZL5710100 | 2×1.5         | 8.50         | 45.18          | 121.79          |

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|-----------|---------------|--------------|----------------|-----------------|
| ZL5710101 | 3G1.5         | 8.90         | 60.66          | 140.3           |
| ZL5710103 | 4G1.5         | 9.50         | 77.39          | 165.91          |
| ZL5710105 | 5G1.5         | 10.40        | 98.79          | 193.04          |
| ZL5710107 | 7G1.5         | 11.8         | 130.4          | 240.2           |
| ZL5710109 | 12G1.5        | 14.60        | 228.8          | 403.99          |
| ZL5710110 | 18G1.5        | 16.60        | 328.12         | 549.85          |
| ZL5710111 | 25G1.5        | 20.00        | 476.57         | 780.07          |
| ZL5710114 | 3G2.5         | 10.30        | 97.88          | 204.75          |
| ZL5710115 | 4G2.5         | 11.40        | 125.54         | 252.53          |
| ZL5710116 | 5G2.5         | 12.60        | 153.36         | 288.89          |
| ZL5710117 | 7G2.5         | 14.2         | 205.0          | 359.5           |
| ZL5710118 | 12G2.5        | 17.80        | 362.28         | 618.12          |
| ZL5710119 | 4G4           | 13.20        | 199.08         | 362.85          |
| ZL5710120 | 5G4           | 14.70        | 243.47         | 421.55          |
| ZL5710121 | 4G6           | 15.40        | 285.69         | 508.43          |
| ZL5710122 | 5G6           | 17.10        | 351.5          | 585.79          |
| ZL5710123 | 4G10          | 19.00        | 483.56         | 813.65          |