

6381TQ HO7BN-F Cable

APPLICATION

Flexible rubber cable with high temperature resistance suitable for most industrial applications. Designed primarily as a trailing cable for use in the supply of energy for portable and mobile equipment.

CABLE STANDARDS

BS EN 50525-2-21 (previously BS 7919, CENELEC HD22.12. S1/A1), BS EN/IEC 60332-1-2, CEI 20-19/12

CONSTRUCTION

Conductor

Class 5 flexible tinned copper conductor according to BS EN 60228

Insulation

EPR (Ethylene Propylene Rubber) Type EI7 according to BS EN 50363

Sheath

HOFR CSP (Heat and Oil Resistant and Flame Retardant Chlorosulphonated Polyethylene) according to BS EN 50363

CHARACTERISTICS

Voltage Rating (Uo/U)

450/750V

Temperature Rating

Fixed: -40°C to +90°C
Flexed: -15°C to +90°C

Minimum Bending Radius

Up to 25mm² - Flexed: 6 x overall diameter
Above 25mm² - Flexed: 8 x overall diameter

Sheath Colour

Black



6381TQ HO7BN-F Cable

| Number of cores x cross section mm ² | O/D | Kg/km | Gland |
|---|------|-------|-------|
| 1 10 | 10.7 | 200 | 20s |
| 1 16 | 12.1 | 270 | 20 |
| 1 25 | 14.2 | 380 | 20 |
| 1 35 | 16.1 | 510 | 25 |
| 1 50 | 18.5 | 680 | 25 |
| 1 70 | 21 | 930 | 32 |
| 1 95 | 23.4 | 1200 | 32 |
| 1 120 | 25.7 | 1460 | 32 |
| 1 150 | 28.3 | 1800 | 40 |
| 1 185 | 31 | 2200 | 40 |
| 1 240 | 34.5 | 2800 | 50s |
| 1 300 | 35.6 | 3350 | 50s |
| 1 400 | 42.1 | 4400 | 50 |
| 1 500 | 46.7 | 5400 | 50 |
| 1 630 | 51.3 | 6900 | 63s |

TERMINATION RECOMMENDATION

For full gland information please refer to the technical section

A2 Brass

Plastic stuffing glands



The information contained within this data sheet is for guidance only. Cable and gland sizes are nominal and may vary according to different manufacturer's tolerances. Every possible effort is made to ensure that the information contained in this data sheet is correct. However, we reserve the right to change the information or specification at any time in the light of technical developments or revisions. References to or extracts from British Standards, current IEE regulations or other regulatory bodies should be verified with these organisations.

