

318-Y FLEXIBLE PVC MAINS CABLE (HO5VVF)



| Semloh Code | Nominal Conductor Area (mm ²) | Conductor Stranding (No. of Wires/ Diameter mm) | Reel Sizes Available | | | | | | Nominal Overall Cable Diameter (mm) | Max Conductor Resistance at 20°C (Ω per Km) | Conductor Current Rating (Amps) |
|-------------|---|---|----------------------|------|------|------|-----|-----|-------------------------------------|---|---------------------------------|
| | | | Bulk | 500m | 250m | 100m | 50m | 30m | | | |
| 3182Y0.75 | 2 x 0.75 | 2 x 24/0.20 | ■ | ■ | ■ | ■ | ■ | ■ | 6.2 | 26.00 | 6 |
| 3182Y1.0 | 2 x 1.0 | 2 x 32/0.20 | ■ | | ■ | ■ | ■ | ■ | 6.4 | 19.50 | 10 |
| 3182Y1.5 | 2 x 1.5 | 2 x 30/0.25 | ■ | | ■ | ■ | ■ | ■ | 7.4 | 13.30 | 16 |
| 3182Y2.5 | 2 x 2.5 | 2 x 50/0.25 | ■ | | ■ | ■ | ■ | ■ | 9.2 | 7.98 | 20 |
| 3183Y0.75 | 3 x 0.75 | 3 x 24/0.20 | ■ | ■ | ■ | ■ | ■ | ■ | 6.6 | 26.00 | 6 |
| 3183Y1.0 | 3 x 1.0 | 3 x 32/0.20 | ■ | | ■ | ■ | ■ | ■ | 6.8 | 19.50 | 10 |
| 3183Y1.5 | 3 x 1.5 | 3 x 30/0.25 | ■ | | ■ | ■ | ■ | ■ | 8.1 | 13.30 | 16 |
| 3183Y2.5 | 3 x 2.5 | 3 x 50/0.25 | ■ | | ■ | ■ | ■ | ■ | 10.0 | 7.98 | 20 |

- Class 5 Flexible Copper Conductors to BS EN 60228:2005 • Round PVC Insulation & Sheath to BS7655
 - Temperature Rating: 0°C to +60°C Voltage Rating: 300/500V • Manufactured to BS6500/1984 Table 16
 - Minimum Bending Radius: 6 x Overall Diameter • Outer Sheath Colours Available: Black, White, Orange
 - Inner Core Colours: 2 core: Blue, Brown. 3 core: Blue, Brown, Green/Yellow
- A versatile flex, commonly used for the wiring of portable and semi-fixed domestic appliances, and extension leads.

ARTIC GRADE PVC MAINS CABLE



| Semloh Code | Nominal Conductor Area (mm ²) | Conductor Stranding (No. of Wires/ Diameter mm) | Reel Sizes Available | | | | | | Nominal Overall Cable Diameter (mm) | Max Conductor Resistance at 20°C (Ω per Km) | Conductor Current Rating (Amps) |
|-------------|---|---|----------------------|------|------|------|-----|-----|-------------------------------------|---|---------------------------------|
| | | | Bulk | 500m | 250m | 100m | 50m | 30m | | | |
| 3182Y1.0AG | 2 x 1.0 | 2 x 32/0.20 | ■ | ■ | ■ | ■ | ■ | ■ | 6.4 | 19.50 | 10 |
| 3182Y1.5AG | 2 x 1.5 | 2 x 30/0.25 | ■ | | ■ | ■ | ■ | ■ | 7.4 | 13.30 | 16 |
| 3182Y2.5AG | 2 x 2.5 | 2 x 50/0.25 | ■ | | ■ | ■ | ■ | ■ | 9.0 | 7.98 | 20 |
| 3183Y1.0AG | 3 x 1.0 | 3 x 32/0.20 | ■ | ■ | ■ | ■ | ■ | ■ | 6.8 | 19.50 | 10 |
| 3183Y1.5AG | 3 x 1.5 | 3 x 30/0.25 | ■ | | ■ | ■ | ■ | ■ | 8.1 | 13.30 | 16 |
| 3183Y2.5AG | 3 x 2.5 | 3 x 50/0.25 | ■ | | ■ | ■ | ■ | ■ | 10.0 | 7.98 | 20 |
| 3183Y4.0AG | 3 x 4.0 | 3 x 56/0.30 | ■ | | ■ | ■ | ■ | ■ | 11.3 | 4.95 | 25 |

- Class 5 Flexible Copper Conductors to BS EN 60228:2005 • Insulation & Sheath: Round Artic Grade PVC
 - Temperature Rating: -40°C to +70°C Voltage Rating: 300/500V • Manufactured to BS6500/1984 Table 16
 - Minimum Bending Radius: 6 x Overall Diameter • Outer Sheath Colours Available: Blue, Yellow
 - Inner Core Colours: 2 core: Blue, Brown. 3 core: Blue, Brown, Green/Yellow
- Artic Grade PVC is designed to withstand severe external temperatures, remaining flexible at temperatures as low as -20°C

RUBBER INSULATED MAINS CABLE (HO7RN-F)



| Semloh Code | Nominal Conductor Area (mm ²) | Conductor Stranding (No. of Wires/ Diameter mm) | Reel Sizes Available | | | | | | Nominal Overall Cable Diameter (mm) | Max Conductor Resistance at 20°C (Ω per Km) | Conductor Current Rating (Amps) |
|-------------|---|---|----------------------|------|------|------|-----|-----|-------------------------------------|---|---------------------------------|
| | | | Bulk | 500m | 250m | 100m | 50m | 30m | | | |
| HO7RNF1.02C | 2 x 1.0 | 2 x 32/0.20 | ■ | ■ | ■ | ■ | ■ | ■ | 8.6 | 19.50 | 10 |
| HO7RNF1.52C | 2 x 1.5 | 2 x 30/0.25 | ■ | | ■ | ■ | ■ | ■ | 9.6 | 13.30 | 16 |
| HO7RNF2.52C | 2 x 2.5 | 2 x 50/0.25 | ■ | | ■ | ■ | ■ | ■ | 11.2 | 7.98 | 20 |
| HO7RNF1.03C | 3 x 1.0 | 3 x 32/0.20 | ■ | | ■ | ■ | ■ | ■ | 9.3 | 19.50 | 10 |
| HO7RNF1.53C | 3 x 1.5 | 3 x 30/0.25 | ■ | | ■ | ■ | ■ | ■ | 10.3 | 13.30 | 16 |
| HO7RNF2.53C | 3 x 2.5 | 3 x 50/0.25 | ■ | | ■ | ■ | ■ | ■ | 12.0 | 7.98 | 20 |

- Class 5 Flexible Copper Conductors to BS EN 60228:2005 • Insulation: EPR Rubber to BS7655
 - Sheath: PCP Polychloroprene to BS7655 - oil and flame retardant • Temperature Rating: -30°C to +85°C
 - Voltage Rating: 450/750V • Manufactured to BS7919 • Minimum Bending Radius: 6 x Overall Diameter
 - Outer Sheath Colour: Black • Inner Core Colours: 2 core: Blue, Brown. 3 core: Blue, Brown, Green/Yellow
- HO7RN-F Rubber Flex is robust and extremely flexible, and is designed primarily as a heavy duty trailing cable for portable or mobile equipment.