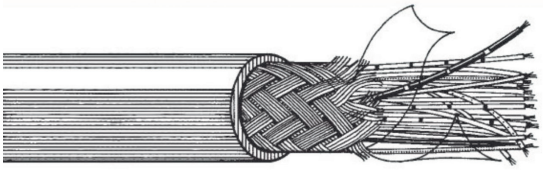
# Technical Data Sheet

## BSU-HD Heavy Duty Braid Screened Stranded Multicore Conductor Cable

**34-406** CANFORD BSU-HD CABLE 6 core (DEF-STAN 16-2-6C), Black
**34-408** CANFORD BSU-HD CABLE 8 core (DEF-STAN 16-2-8C), Black
**34-412** CANFORD BSU-HD CABLE 12 core (DEF-STAN 16-2-12C), Black
**34-418** CANFORD BSU-HD CABLE 18 core (DEF-STAN 16-2-18C), Black
**34-425** CANFORD BSU-HD CABLE 25 core (DEF-STAN 16-2-25C), Black
**34-436** CANFORD BSU-HD CABLE 36 core (DEF-STAN 16-2-36C), Black

Similar to the BSU series multicore cable series but with a larger 0.5mm2 conductors for when lower DC resistance is required. Conductors are not paired. Design according to industry-standard DEF STAN 16-2-*C.



### TECHNICAL SPECIFICATION

| | | |
|---|---|---|
| Voltage rating | 750VDC, 440VAC | |
| Conductors | 16/02mm (0.5mm2) | |
| Current rating | 2.5A per conductor | |
| Insulation | PVC to colour code DEF-STAN 61-12 (see next page) | |
| Screen | Braid screen with90% cover | |
| Overall jacket | PVC, black | |
| Overall diameter | 34-406 BSU-HD 6 | 8.3mm |
| | 34-408 BSU-HD 8 | 9.4mm |
| | 34-412 BSU-HD 12 | 10.3mm |
| | 34-418 BSU-HD 18 | 12.0mm |
| | 34-425 BSU-HD 25 | 13.7mm |
| | 34-436 BSU-HD 36 | 16.1mm |
| Conductor resistance | 36Ω/km | |
| Weight (kg/100m) | 34-406 BSU-HD 6 | 11.4 kg/100m |
| | 34-408 BSU-HD 8 | 14.5 kg/100m |
| | 34-412 BSU-HD 12 | 17.5 kg/100m |
| | 34-418 BSU-HD 18 | 23.9 kg/100m |
| | 34-425 BSU-HD 25 | 31.0 kg/100m |
| | 34-436 BSU-HD 36 | 42.1 kg/100m |
| Reel length | 500m | |
| Cut lengths | Available in any multiple of 1m | |

### DEF STAN 61-12 Cable colour codes

| Core No. | DEF STAN 61-12 | Core No. | DEF STAN 61-12 |
|---|---|---|---|
| 1 | Red | 19 | Yellow - Blue |
| 2 | Blue | 20 | White - Blue |
| 3 | Green | 21 | Blue - Black |
| 4 | Yellow | 22 | Orange - Blue |
| 5 | White | 23 | Green - Blue |
| 6 | Black | 24 | Grey - Blue |
| 7 | Brown | 25 | Yellow - Green |
| 8 | Violet | 26 | White - Green |
| 9 | Orange | 27 | Green - Black |
| 10 | Pink | 28 | Orange - Green |
| 11 | Turquoise | 29 | Grey - Green |
| 12 | Grey | 30 | Yellow - Brown |
| 13 | Red - Blue | 31 | White - Brown |
| 14 | Green - Red | 32 | Brown - Black |
| 15 | Yellow - Red | 33 | Grey - Brown |
| 16 | White - Red | 34 | Yellow - Violet |
| 17 | Red - Black | 35 | Violet - Black |
| 18 | Red - Brown | 36 | White - Violet |