

OLFLEX-SERVO-FD® 755 P (Gray)

Halogen Free Continuous Flex Composite Power Supply and Feedback Cable for Small Bend Radius Applications

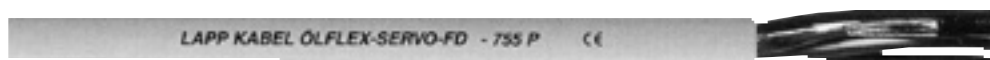


OLFLEX-SERVO-FD® 755 P is an ultra flexible, halogen free, continuous flex power supply and feedback cable which has been designed for automated servo systems. This composite cable offers a unique combination of signal and power conductors, under one jacket, while reducing weight and saving space.

The special design makes OLFLEX-SERVO-FD® 755 P ideally suited for small bend radius applications, such as cable tracks, automated handling equipment, pick-and-place units, gantry robots, machine tools, and other continuous movement applications.

Construction:

Finely stranded bare copper conductors; pairs and power conductors are insulated with special elastomeric compounds; pairs shielded with aluminum foil and tinned copper drain wire plus tinned copper braid; non-woven material wrapping; specially formulated gray polyurethane outer jacket.



Technical Data:

Minimum bend radius
for continuous flexing: 5 x cable diameter

Temperature range:
Flexing: -30°C to +80°C

Working voltage: 600/1000 V

Color Code: Black with White
Numbers, plus green/
yellow

Insulation resistance: 20 T x cm

Conductor stranding: Extra Fine Wire per
VDE 0295, Class 6

Test voltage: Cond./cond.: 400 V
Cond./braid: 1000 V

Conforms to CE Directives

| Part Number | Power Conductors | Plus | Signal Pairs, Individually Shielded | Nominal Outer Diameter inches | mm | lbs/mft | Approx. Weight kg/km |
|---|------------------|------|-------------------------------------|----------------------------------|------|---------|-------------------------|
| Four Power Conductors and One Signal Pair | | | | | | | |
| 36601 | 16awg/4c | | 17awg/1pr | .480 | 12.2 | 121 | 180 |
| 36602 | 14awg/4c | | 17awg/1pr | .531 | 13.5 | 157 | 234 |
| 36603 | 12awg/4c | | 17awg/1pr | .594 | 15.1 | 215 | 320 |
| 36604 | 10awg/4c | | 17awg/1pr | .665 | 16.9 | 272 | 404 |
| 36605 | 8awg/4c | | 17awg/1pr | .827 | 21.0 | 427 | 635 |
| 36606 | 6awg/4c | | 16awg/1pr | .906 | 23.0 | 634 | 943 |
| 36607 | 4awg/4c | | 16awg/1pr | 1.110 | 28.2 | 960 | 1429 |
| 36608 | 2awg/4c | | 16awg/1pr | 1.276 | 32.4 | 1251 | 1864 |
| Four Power Conductors and Two Signal Pairs | | | | | | | |
| 36350 | 16awg/4c | | 18awg/2pr | .591 | 15.0 | 142 | 211 |
| 36351 | 14awg/4c | | 18awg/2pr | .610 | 15.5 | 174 | 259 |
| 36352 | 12awg/4c | | 18awg/1pr & 17awg/1pr | .646 | 16.4 | 240 | 357 |
| 36353 | 10awg/4c | | 18awg/1pr & 17awg/1pr | .701 | 17.8 | 298 | 444 |
| 36354 | 8awg/4c | | 18awg/1pr & 17awg/1pr | .839 | 21.3 | 448 | 667 |
| 36355 | 6awg/4c | | 17awg/2pr | .921 | 23.4 | 644 | 958 |
| 36356 | 4awg/4c | | 16awg/2pr | 1.114 | 28.3 | 963 | 1433 |

OLFLEX-SERVO-FD® 785 P (Gray)

Halogen Free Continuous Flex Servo Motor Power Supply Cable for Small Bend Radius Applications

CE 22

OLFLEX-SERVO-FD® 785 P is a halogen free, ultra flexible, continuous flex motor supply cable which has been designed for automated servo systems.

SERVO-FD® 785 P ideally suited for small bend radius applications, such as cable tracks, automated handling equipment, and other continuous movement applications.

The special ultra flexible design makes OLFLEX-

Construction:

Finely stranded bare copper conductors; special elastomeric insulation; tape wrap; specially formulated gray polyurethane outer jacket.



Technical Data:

Minimum bend radius: 5 x cable diameter

Insulation resistance: 20 T x cm

Temperature range:

Flexing: -30°C to +80°C

Conductor stranding: Extra Fine Wire per VDE 0295, Class 6

Working voltage: 600/1000 V

Color code: Black with white numbers, plus green/yellow

Test voltage: 4000 V

Conforms to CE Directives

| Part Number | Power Conductors | Nominal Outer Diameter | | Approx. Weight | | Part Number | Number of Conductors includes ground | Nominal Outer Diameter | | Approx. Weight | |
|-------------|------------------|------------------------|------|----------------|-------|-------------|--------------------------------------|------------------------|------|----------------|-------|
| | | inches | mm | lbs/mft | kg/km | | | inches | mm | lbs/mft | kg/km |
| 36380 | 16awg/4c | .413 | 10.5 | 87 | 129 | 36384 | 8awg/4c | .740 | 18.8 | 393 | 585 |
| 36381 | 14awg/4c | .465 | 11.8 | 126 | 187 | 36385 | 6awg/4c | .847 | 21.5 | 580 | 863 |
| 36382 | 12awg/4c | .551 | 14.0 | 184 | 273 | 36386 | 4awg/4c | 1.024 | 26.0 | 880 | 1309 |
| 36383 | 10awg/4c | .583 | 14.8 | 241 | 358 | | | | | | |

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