

OLFLEX-SERVO-FD® 755 P (Gray)

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

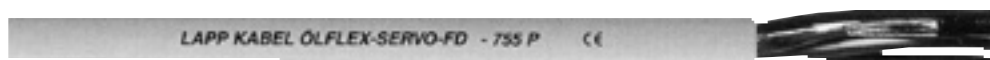


OLFLEX-SERVO-FD® 755 P is an ultra flexible, halogen free, continuous flex power supply and feedback cable which has been designed for automated servo systems. This composite cable offers a unique combination of signal and power conductors, under one jacket, while reducing weight and saving space.

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