

ÖLFLEX® PVC MULTI-CORE CABLES ÖLFLEX® CLASSIC 100 CY

A colour coded, copper braided connection cable.

The improved ÖLFLEX® CLASSIC 100 CY
- higher performance, higher product safety.

Having a larger conductor cross section Ölflex® CLASSIC CY provides the electronics engineer with a cable for the transmission of low or medium voltage signals free from external interference. They can also be utilised where the power engineer needs to use screened cables to prevent interference from electro magnetic fields generated in the network.

Suitable for use where a high degree of circuit integrity is required and interference can prevent accurate signal transmission in low or medium voltage installations.

SPECIFICATION

Cores of fine wire strands of plain electrolytic copper wire with PVC-based conductor insulation cores twisted in layers with an internal sheath covering of a special PVC-based compound and screening braid of tinned copper wire. Outer sheath of transparent PVC-based compound.

TECHNICAL DATA

Minimum bending radius for flexing:	20 x cable diameter
Temperature range:	Flexing: -5°C to + 70°C Static: -30°C to + 70°C
Working voltage:	300/500 V "d 1.0 mm 450/750V "e 1.5 mm
Conductor stranding:	fine wire to BS6360, Class 5, VDE 0295 Class 5
Colour code:	up to 5 cores: VDE 0293, BS6500 from 6 cores: ÖLFLEX® Colour Code



In accordance with VDE Conductors to VDE 0245/0281
Regulations: Sheath to VDE 0245/0281.

No. of cores and mm ² per conductor	Part Number	Approx. outside diameter in mm	No. of cores and mm ² per conductor	Part Number	Approx. outside diameter in mm
2 X 0.5	0035001	7.0	4 G4	0035018	15.1
3 G 0.5	0035002	7.3	5 G 4	0035013	16.5
4 G 0.5	0035003	7.9			
5 G 0.5	0035201	8.4	4 G 6	0035019	16.6
7 G 0.5	0035200	8.9	5 G 6	0035014	18.2
2 X 0.75	0035004	7.4	4 G 10	0035021	20.8
3 G 0.75	0035005	7.9	5 G 10	0035290	22.9
4 G 0.75	0035006	8.4			
5 G 0.75	0035016	8.9	4 G 16	0035022	26
7 G 0.75	0035203	9.7	5 G 16	0035015	26.6
2 X 1.0	0035220	7.9	4 G 25	0035023	29.2
3 G 1.0	0035221	8.2	5 G 25	0035024	32.3
4 G 1.0	0035222	8.7			
5 G 1.0	0035223	9.5	4 G 35	0035025	32.5
7 G 1.0	0035204	10.2	5 G 35	0035026	36.1
2 X 1.5	0035000	9.9			
3 G 1.5	0035458	10.3	4 G 50	0035027	38.5
4 G 1.5	0035459	11.3			
5 G 1.5	0035460	12.6	4 G 70	0035028	43.4
7 G 1.5	0035461	13.9	4 G 95	0035029	49.7
3 G 2.5	0035011	11.8			
4 G 2.5	0035017	13.0	4 G 120	0035430	57.2
5 G 2.5	0035012	14.6			
7 G 2.5	0035289	15.9			

G= With Protective Conductor **X**= Without Protective Conductor