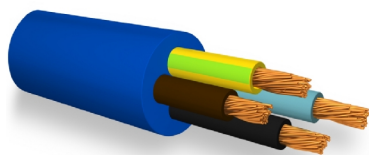


DRINKFLEX AQUARIUS[®] - ROUND



CABLE FOR SUBMERSIBLE PUMPS



DM 174/04



NONTOXIC AND WATERPROOF CABLE

Designed for permanent immersion in drinkable water.
Recommended for installation of submersible pumps.

CABLE WITH 4 EUROPEAN CERTIFICATIONS

KTW, WRAS, DM 174 e ACS allow us to satisfy the requirements of the main applications on the market.

TECHNICAL FEATURE

Rated Voltage	Max operating temperature	Min temperature of installation	Max stocking temperature	Max temperature of short circuit	Min internal bending radius	Max mechanical stress
450/750 V	90°C	-25°C	40°C	250°C	5xD	5 Kg/mm ²

CONSTRUCTION FEATURES

Conductors: Flexible annealed copper cord, class 5 (EN 60228, IEC 60228)

Insulation: Special crosslinked compound

Sheath: Special crosslinked blue compound

Identification Colours: Cores identification according to CENELEC HD 308 in force.

MARKING: Ink Jet

PEC SO MN DRINKFLEX AQUARIUS[®] (SECTION) – KTW – ACS – WRAS BS 6920 – DM 174 – CE (YEAR)

FEATURES: Max strain in static duty conditions: 1,5 Kg/mm².

GUIDE TO USE

Cable for submersible pumps engines. It may be installed in drinkable waters.

Suitable for operation and control equipment in aquarium and fishponds and for depuration-chlorination systems in aqueducts and drinkable water fountains as well as for processing, treatment and conservation plants of drinks and foodstuff.

Suitable for swimming pools lighting, depuration and cleaning systems.

Standards: CEI EN 50363

ROHS 2011/65/UE

DM 174/04

WRAS BS 6920

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm ²	number and nominal cross-sectional area of conductors	∅ Max diameter (mm)	CONDUCTOR		INSULATION thickness (mm)	SHEATH thickness (mm)	WEIGHT Indicative weight of cable (g/m)
			∅ diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu			
1x1,5		6.8	0.26	13.3000	0.80	1,40	36,00
						ARTICLE CODE	LDKS01015
1x2,5		7.5	0.26	7.9800	0.90	1,40	49,00
						ARTICLE CODE	LDKS01025
1x4		8.3	0.31	4.9500	1.00	1,50	67,00
						ARTICLE CODE	LDKS01040
1x6		9.1	0.31	3.3000	1.00	1,60	90,00
						ARTICLE CODE	LDKS01060
1x10		11	0.41	1.9100	1.20	1,80	146,00
						ARTICLE CODE	LDKS01100
1x16		12.3	0.41	1.2100	1.20	1,90	208,00
						ARTICLE CODE	LDKS01160
1x25		14.4	0.41	0.7800	1.40	2,00	307,00
						ARTICLE CODE	LDKS01250
1x35		15.8	0.41	0.5540	1.40	2,20	410,00
						ARTICLE CODE	LDKS01350
1x50		18.4	0.41	0.3860	1.60	2,40	585,00
						ARTICLE CODE	LDKS01500
1x70		20.2	0.51	0.2720	1.60	2,60	776,00
						ARTICLE CODE	LDKS01700
1x95		22.3	0.51	0.2060	1.80	2,80	1.023,00
						ARTICLE CODE	LDKS01950
2x1		8.8	0.21	19.5000	0.80	1,30	59,00
						ARTICLE CODE	LDKS02010
2x1,5		9.8	0.26	13.3000	0.80	1,50	77,00
						ARTICLE CODE	LDKS02015
2x2,5		11.2	0.26	7.9800	0.90	1,70	110,00
						ARTICLE CODE	LDKS02025
2x4		13	0.31	4.9500	1.00	1,80	159,00
						ARTICLE CODE	LDKS02040
2x6		14.4	0.31	3.3000	1.00	2,00	213,00
						ARTICLE CODE	LDKS02060

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm ²	number and nominal cross-sectional area of conductors	∅ Max diameter (mm)	CONDUCTOR		INSULATION thikness (mm)	SHEATH thikness (mm)	WEIGHT Indicative weight of cable (g/m)
			∅ diameter max. of wires (mm)	max resistance res. el. (ohm/km) reducu			
2x10	◀	20.3	0.41	1.9100	1.20	3,10	412,00
							ARTICLE CODE
2x16	◀	22.6	0.41	1.2100	1.20	3,30	562,00
							ARTICLE CODE
2x25	◀	27	0.41	0.7800	1.40	3,60	833,00
							ARTICLE CODE
3x1	◀	9.8	0.21	19.5000	0.80	1,40	76,00
							ARTICLE CODE
3x1,5	◀	10.5	0.26	13.3000	0.80	1,60	97,00
							ARTICLE CODE
3x2,5	◀	12.2	0.26	7.9800	0.90	1,80	143,00
							ARTICLE CODE
3x4	◀	13.8	0.31	4.9500	1.00	1,90	202,00
							ARTICLE CODE
3x6	◀	15.5	0.31	3.3000	1.00	2,10	277,00
							ARTICLE CODE
3x10	◀	21.1	0.41	1.9100	1.20	3.30	509,00
							ARTICLE CODE
3x16	◀	24.2	0.41	1.2100	1.20	3,50	729,00
							ARTICLE CODE
3x25	◀	28.9	0.41	0.7800	1.40	3,80	1.084,00
							ARTICLE CODE
3x35	◀	30.8	0.41	0.5540	1.40	4,10	1.384,00
							ARTICLE CODE
3x50	◀	36.8	0.41	0.3860	1.60	4,50	2.009,00
							ARTICLE CODE
3x70	◀	41.1	0.51	0.2720	1.60	4,80	2.671,00
							ARTICLE CODE
4x1	◀	10.5	0.21	19.5000	0.80	1,50	95,00
							ARTICLE CODE
4x1,5	◀	11.7	0.26	13.3000	0.80	1,70	125,00
							ARTICLE CODE

DIMENSIONAL FEATURES AND ELETTRICAL PROPERTY

n° x mm ²	number and nominal cross-sectional area of conductors	∅ Max diameter (mm)	CONDUCTOR		INSULATION thikness (mm)	SHEATH thikness (mm)	WEIGHT Indicative weight of cable (g/m)
			∅ diameter max. of wires (mm)	max resistance res. el. (ohm/km) redcu			
4x2,5	◀	13.5	0.26	7.9800	0.90	1,90	182,00
							ARTICLE CODE
4x4	◀	15.1	0.31	4.9500	1.00	2,00	255,00
							ARTICLE CODE
4x6	◀	17.3	0.31	3.3000	1.00	2,30	358,00
							ARTICLE CODE
4x10	◀	22.9	0.41	1.9100	1.20	3,40	636,00
							ARTICLE CODE
4x16	◀	26.4	0.41	1.2100	1.20	3,60	921,00
							ARTICLE CODE
4x25	◀	32	0.41	0.7800	1.40	4,10	1.391,00
							ARTICLE CODE
4x35	◀	34	0.41	0.5540	1.40	4,40	1.778,00
							ARTICLE CODE
4x50	◀	40.7	0.41	0.3860	1.60	4,80	2.579,00
							ARTICLE CODE
1x120	◀	24.4	0.51	0.1610	1.80	3,00	1.266,00
							ARTICLE CODE
1x150	◀	27	0.51	0.1290	2.00	3,20	1.588,00
							ARTICLE CODE
1x185	◀	29.5	0.51	0.1060	2.20	3,40	1.944,00
							ARTICLE CODE
1x240	◀	32.7	0.51	0.0801	2.40	3,50	2.484,00
							ARTICLE CODE