

DATAFLEX XY

Cable construction

Conductor: Bare copper accordino to VDE 0295 cl. 5

Section (mm ²)	Stranding
0.14	18 x 0.10
0.25	14 x 0.15
0.34	7 x 0.25
0.50	16 x 0.20
0.75	24 x 0.20

Insulation: Pvc compound type Y12 according to VDE 0207-4

Section (mm ²)	Diameter (mm)
0.14	1.0
0.25	1.3
0.34	1.5
0.50	1.75
0.75	2.0

Colour code: conductors according to TAB DIN 47100

Pairs: Conductors twisted in pairs TAB DIN 47100

Assembly: Pairs twisted in layer (if required with filler for round costruction) + polyester tape

Sheath: Pvc compound type TM2 according to VDE 0207-5
 Colour code: Grey Ral 7000

Marking **(ONLY for section 0.14 mm², UL approved):**
 E132956 UR AWM STYLE 2560 60°C 30V – LOW VOLTAGE COMPUTER CABLE – VW1 -
 +S+S+S

General properties

Bending radius: 10 x D

Temperature range: -5 +80° C (Static applications)

Working Voltage: 300 V

Test Voltage: 1200 V

Insulation resistance: > 20 MΩ . Km min at 20°C

Conductor resistance Max at 20°C

Section (mm ²)	Conductor resistance (Ω/Km)
0.14	138
0.25	79
0.34	57
0.50	39
0.75	26

Nominal Capacity:

Section (mm ²)	Number of pairs	Capacitance core/core (pF/m)
0.14	2 – 18	90
	> 18	120
0.25	2 – 18	100
	> 18	130
0.34	2 – 14	100
0.50	2 – 14	110
0.75	2 – 7	110

DATAFLEX XY – section 0.14 mm² – UL STYLE 2560 approved

Art.	SAP code	Csw code	Description	Nominal Diameter (mm)	Cu weight (Kg/Km)
516020	12309135	B2014022005	2 x 2 x 0.14	4.9	5.38
516040	12309142	B2014032005	3 x 2 x 0.14	5.3	8.06
516060	12309159	B2014042005	4 x 2 x 0.14	6.3	10.75
516080	12309166	B2014052005	5 x 2 x 0.14	6.3	13.44
516100	12309173	B2014062005	6 x 2 x 0.14	6.6	16.13
516120	12309180	B2014072005	7 x 2 x 0.14	6.7	18.82
516140	12309197	B2014082005	8 x 2 x 0.14	7.4	21.50
516160	12309205	B2014102005	10 x 2 x 0.14	8.0	26.88
516200	12309212	B2014122005	12 x 2 x 0.14	8.5	32.26
516220	12309229	B2014142005	14 x 2 x 0.14	8.9	37.63
516260	12309236	B2014162005	16 x 2 x 0.14	9.7	43.01
516264	12309250	B2014182005	18 x 2 x 0.14	10.4	48.38
516262	12309243	B2014212005	21 x 2 x 0.14	10.9	56.45
516360	12309267	B2014252005	25 x 2 x 0.14	12.2	67.20

DATAFLEX XY – section 0.25 mm²

Art.	SAP code	Csw code	Description	Nominal Diameter (mm)	Cu weight (Kg/Km)
516623	12309399	B2025022005	2 x 2 x 0.25	5.9	9.60
516624	12309407	B2025032005	3 x 2 x 0.25	6.4	14.40
516625	12309414	B2025042005	4 x 2 x 0.25	7.0	19.20
516626	12309421	B2025052005	5 x 2 x 0.25	7.6	24.00
516627	12309438	B2025062005	6 x 2 x 0.25	8.2	28.80
516628	12309445	B2025072005	7 x 2 x 0.25	8.2	33.60
516629	12309452	B2025082005	8 x 2 x 0.25	9.0	38.40
516631	12309469	B2025102005	10 x 2 x 0.25	9.9	48.00
516632	12309476	B2025122005	12 x 2 x 0.25	10.2	57.60
516633	12309483	B2025142005	14 x 2 x 0.25	10.6	67.20
516634	12309490	B2025162005	16 x 2 x 0.25	11.6	76.80
516635	12309508	B2025182005	18 x 2 x 0.25	12.2	86.40
516636	12309515	B2025212005	21 x 2 x 0.25	12.9	100.8
516637	12309522	B2025252005	25 x 2 x 0.25	14.1	120.00

DATAFLEX XY – section 0.34 mm²

Art.	SAP code	Csw code	Description	Nominal Diameter (mm)	Cu weight (Kg/Km)
516648		B2034022005	2 x 2 x 0.34	6.5	13.06
516649		B2034032005	3 x 2 x 0.34	7.5	19.58
516650		B2034042005	4 x 2 x 0.34	8.1	26.11
516651		B2034052005	5 x 2 x 0.34	9.4	32.64
516652		B2034062005	6 x 2 x 0.34	10.1	39.17
516653		B2034072005	7 x 2 x 0.34	10.1	45.70
516654		B2034082005	8 x 2 x 0.34	10.8	52.22
516656		B2034102005	10 x 2 x 0.34	12.1	65.28
516657		B2034122005	12 x 2 x 0.34	12.5	78.34
516658		B2034142005	14 x 2 x 0.34	13.4	91.39

DATAFLEX XY – section 0.50mm²

Art.	SAP code	Csw code	Description	Nominal Diameter (mm)	Cu weight (Kg/Km)
516673	12309630	B2050022005	2 x 2 x 0.50	8.0	19.20
516674	12309647	B2050032005	3 x 2 x 0.50	8.6	28.80
516675	12309654	B2050042005	4 x 2 x 0.50	9.5	38.40
516676	12309661	B2050052005	5 x 2 x 0.50	10.4	48.00
516677	12309678	B2050062005	6 x 2 x 0.50	11.3	57.60
516678	12309685	B2050072005	7 x 2 x 0.50	11.3	67.20
516679	12309692	B2050082005	8 x 2 x 0.50	12.0	76.80
516681	12309717	B2050102005	10 x 2 x 0.50	14.2	96.00
516682	12309724	B2050122005	12 x 2 x 0.50	14.4	115.20
516683	12309731	B2050142005	14 x 2 x 0.50	15.2	134.40

DATAFLEX XY – section 0.75mm²

Art.	SAP code	Csw code	Description	Nominal Diameter (mm)	Cu weight (Kg/Km)
516698	12309748	B2075022005	2 x 2 x 0.75	8.2	28.80
516699	12309755	B2075032005	3 x 2 x 0.75	9.7	43.20
526327	12315202	B2075042005	4 x 2 x 0.75	10.5	57.60
516701	12309779	B2075052005	5 x 2 x 0.75	11.6	72.00
516702	12309786	B2075062005	6 x 2 x 0.75	12.7	86.40
516703	12309793	B2075072005	7 x 2 x 0.75	12.7	100.80