











AWM Style 11846 (90°C / 1000V)




General Construction

	Conductor:	Bare copper (Class 5) Acc. to IEC 60228 / VDE 0295 / UL 1581
	Tape	Non woven tape overlapped
	Insulation:	PP compound; colour black RAL 9005 Acc. to UL 90 °C – 1000 V
	Screen:	Tinned copper braid; optical coverage approx. 85%
	Tape	Non woven tape overlapped
	Sheath:	Outer sheath: PVC compound acc. to UL 90 °C – 1000 V Style 11846 Colour: black RAL 9005 or Green/Yellow

Technical data

	Operating Voltage:	1000 V
	Test voltage:	4000 V
	Temperature:	-40 °C to +90 °C (fixed) -5 °C to +90 °C
	Flame Resistance:	IEC 60332-1-2 / IEC 60332-3-24 / UL 1581 VW-1 / CSA FT1
	Conductor Resistance	max at 20 °C acc. to IEC 60228 / VDE 0812
	Insulation Resistance	at 20 °C > 1 GΩ Km

Movement Data @20°C

	Bending radius:	10 x Ø (fixed) / 20 x Ø (flex)
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Approval

Oil-resistant: VDE 0473-811-404 / UL 1581 / IEC 60811-404

UV-resistant: yes

Acc. to UL 1581 / UL 758 / CSA 22.2

Name	Cable type	Ø mm	Weight Kg/Km
FIXSC1X6UR	1 x 6	7,8	118,0
FIXSC1X10UR	1 x 10	9,0	180,0
FIXSC1X16UR	1 x 16	10,0	250,0
FIXSC1X25UR	1 x 25	11,4	370,0
FIXSC1X35UR	1 x 35	13,0	490,0
FIXSC1X50UR	1 x 50	15,6	665,0
FIXSC1X70UR	1 x 70	17,9	910,0
FIXSC1X95UR	1 x 95	19,5	1.195,0
FIXSC1X120UR	1 x 120	22,3	1.545,0
FIXSC1X150UR	1 x 150	25,0	1.750,0
FIXSC1X185UR	1 x 185	28,6	2.320,0
FIXSC1X240UR	1 x 240	31,7	2.960,0

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