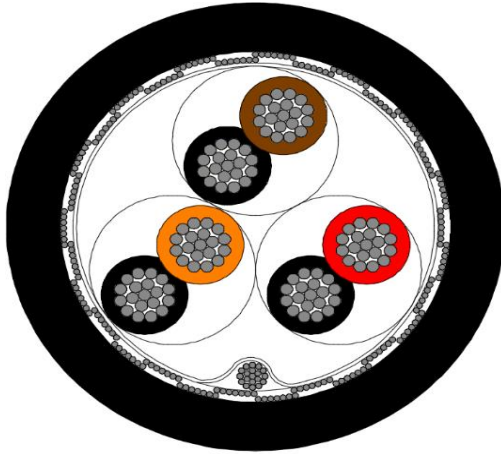


## ELCUFLEX FMSP



<b>Conductors</b>	Tinned copper according to UL 1581 - AWG26 (0,14mm <sup>2</sup> ): 7X0,16mm - AWG24 (0,22mm <sup>2</sup> ): 7X0,203mm - AWG22 (0,34mm <sup>2</sup> ): 7X0,254mm - AWG20 (0,56mm <sup>2</sup> ): 7X0,32mm - AWG18 (0,93mm <sup>2</sup> ): 19X0,254mm
<b>Insulations</b>	SR PVC compound according to UL 80°C - 300V - AWG26 (0,14mm <sup>2</sup> ): ø approx 1,00mm - AWG24 (0,22mm <sup>2</sup> ): ø approx 1,10mm - AWG22 (0,34mm <sup>2</sup> ): ø approx 1,25mm - AWG20 (0,56mm <sup>2</sup> ): ø approx 1,50mm - AWG18 (0,93mm <sup>2</sup> ): ø approx 1,85mm
<b>Colour Code</b>	According to international colour code for pairs (VDE 0881)
<b>Pairs assembly</b>	Cores twisted in pairs with optimal lay-length
<b>Assembly</b>	Pairs cabled in concentric layers with fillers (as required for round construction)
<b>Taping</b>	Polyester foil + tinned drain wire - 7x0,20mm for AWG26 up to AWG22 - 14x0,20 mm for AWG20 and AWG18
<b>Shield</b>	Tinned copper braid, opt. coverage 85%
<b>Jacket</b>	PVC compound Cl.43 according to UL style 2464 80°C 300V
<b>Jacket Colour</b>	Black, RAL9005
<b>Overall Diameter</b>	see table for nominal values, tolerance ± 5%

**Example Marking  
(EL05)**

ELPROMAN FMSP - G01 - E350799 RU AWM STYLE 1061/2464 80°C 300V VW1 - 272161 CSA AWM I/II A/B FT1 - n°x 2 x section AWG - year/week

## Technical data and product features

<b>Temperature Range</b> -15°C +80°C (Occasional flexing) -40°C +80°C (Fixed installation)	<b>Working Voltage</b> 300 V	<b>Test Voltage</b> 1500V
<b>Insulation Resistance</b> At 20°C > 200 MΩ Km	<b>Conductor Resistance</b> Max at 20°C in accordance with IEC 60228 and VDE 0812	<b>Oil Resistance</b> VDE 0473-811-404, UL 1581, IEC 60811-404
<b>Flame Resistance</b> IEC 60332-1-2, UL 1581 VW-1, CSA FT1	<b>Reference Standard</b> UL 1581 - UL 758 - CSA 22.2	<b>Bending Radius</b> 15 X D (Occasional flexing) 7,5 X D (Fixed installation)

Please note that the materials we use are in accordance with the RoHS directive

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## ELCUFLEX FMSP

Part nr.	Section	∅ mm	Part nr.	Section	∅ mm
443901-11	1x2xAWG26 (0,14mm <sup>2</sup> )	4,10	443980-11	1x2xAWG24 (0,22mm <sup>2</sup> )	4,30
443902-11	2x2xAWG26 (0,14mm <sup>2</sup> )	5,80	443981-11	2x2xAWG24 (0,22mm <sup>2</sup> )	6,10
443903-11	3x2xAWG26 (0,14mm <sup>2</sup> )	6,10	443982-11	3x2xAWG24 (0,22mm <sup>2</sup> )	6,40
443904-11	4x2xAWG26 (0,14mm <sup>2</sup> )	6,40	443983-11	4x2xAWG24 (0,22mm <sup>2</sup> )	6,90
443906-11	6x2xAWG26 (0,14mm <sup>2</sup> )	7,50	443984-11	6x2xAWG24 (0,22mm <sup>2</sup> )	8,10
443908-11	8x2xAWG26 (0,14mm <sup>2</sup> )	8,10	443985-11	8x2xAWG24 (0,22mm <sup>2</sup> )	8,90
443912-11	12x2xAWG26 (0,14mm <sup>2</sup> )	9,50	443986-11	12x2xAWG24 (0,22mm <sup>2</sup> )	10,00
443918-11	18x2xAWG26 (0,14mm <sup>2</sup> )	10,90	443987-11	18x2xAWG24 (0,22mm <sup>2</sup> )	11,70
443924-11	24x2xAWG26 (0,14mm <sup>2</sup> )	12,60	443989-11	24x2xAWG24 (0,22mm <sup>2</sup> )	13,60
Part nr.	Section	∅ mm			
443869-11	1x2xAWG20 (0,56mm <sup>2</sup> )	5,20			
443870-11	2x2xAWG20 (0,56mm <sup>2</sup> )	7,50			
443871-11	3x2xAWG20 (0,56mm <sup>2</sup> )	7,90			
443872-11	4x2xAWG20 (0,56mm <sup>2</sup> )	8,50			
443873-11	6x2xAWG20 (0,56mm <sup>2</sup> )	10,10			
443874-11	8x2xAWG20 (0,56mm <sup>2</sup> )	10,80			
443875-11	12x2xAWG20 (0,56mm <sup>2</sup> )	13,00			
443876-11	18x2xAWG20 (0,56mm <sup>2</sup> )	15,10			
443877-11	24x2xAWG20 (0,56mm <sup>2</sup> )	17,50			

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DATE	REV	COMPILED	CHECKED
2020-10-16	0 - First edition	RB	SF