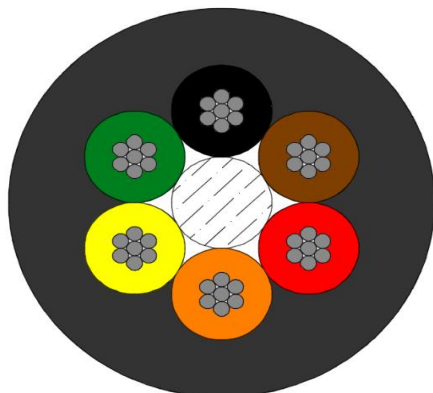


ELCUFLEX FM



Conductors	Tinned copper according to UL 1581 - AWG26 (0,14mm ²): 7X0,16mm - AWG24 (0,22mm ²): 7X0,203mm - AWG22 (0,34mm ²): 7X0,254mm - AWG20 (0,56mm ²): 7X0,32mm - AWG18 (0,93mm ²): 19X0,254mm
Insulations	SR PVC compound according to UL 80°C - 300V - AWG26 (0,14mm ²): ø approx 1,00mm - AWG24 (0,22mm ²): ø approx 1,10mm - AWG22 (0,34mm ²): ø approx 1,25mm - AWG20 (0,56mm ²): ø approx 1,50mm - AWG18 (0,93mm ²): ø approx 1,85mm
Colour Code	Acc. to international colour code (VDE 0881)
Assembly	Conductors cabled in concentric layers with fillers (as required for round construction) + talc
Jacket	PVC compound Cl.43 acc. to UL style 2464 80°C 300V
Jacket Colour	Black, RAL9005
Overall Diameter	see table for nominal values, tolerance ± 5%
Example Marking (EL01)	ELPROMAN FM - G01 - E350799 RU AWM STYLE 1061/2464 80°C 300V VW1 - 272161 CSA AWM I/II A/B FT1 - n°x section AWG - year/week

Technical data and product features

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

Part nr.	Section	∅ mm	Part nr.	Section	∅ mm	Part nr.	Section	∅ mm
443602-11	2xAWG26 (0,14mm ²)	3,60	443402-11	2xAWG24 (0,22mm ²)	3,80	443202-11	2xAWG22 (0,34mm ²)	4,40
443603-11	3xAWG26 (0,14mm ²)	3,80	443403-11	3xAWG24 (0,22mm ²)	4,00	443203-11	3xAWG22 (0,34mm ²)	4,60
443604-11	4xAWG26 (0,14mm ²)	4,00	443404-11	4xAWG24 (0,22mm ²)	4,30	443204-11	4xAWG22 (0,34mm ²)	4,90
443606-11	6xAWG26 (0,14mm ²)	4,60	443406-11	6xAWG24 (0,22mm ²)	4,90	443206-11	6xAWG22 (0,34mm ²)	5,70
443608-11	8xAWG26 (0,14mm ²)	5,30	443408-11	8xAWG24 (0,22mm ²)	5,60	443208-11	8xAWG22 (0,34mm ²)	6,50
443610-11	10xAWG26 (0,14mm ²)	5,60	443410-11	10xAWG24 (0,22mm ²)	6,00	443210-11	10xAWG22 (0,34mm ²)	7,10
443612-11	12xAWG26 (0,14mm ²)	5,80	443412-11	12xAWG24 (0,22mm ²)	6,20	443212-11	12xAWG22 (0,34mm ²)	7,30
443616-11	16xAWG26 (0,14mm ²)	6,30	443416-11	16xAWG24 (0,22mm ²)	6,80	443216-11	16xAWG22 (0,34mm ²)	8,10
443618-11	18xAWG26 (0,14mm ²)	6,60	443418-11	18xAWG24 (0,22mm ²)	7,10	443218-11	18xAWG22 (0,34mm ²)	8,50
443624-11	24xAWG26 (0,14mm ²)	7,50	443424-11	24xAWG24 (0,22mm ²)	8,60	443224-11	24xAWG22 (0,34mm ²)	9,90
Part nr.	Section	∅ mm	Part nr.	Section	∅ mm			
443002-11	2xAWG20 (0,56mm ²)	4,60	442802-11	2xAWG18 (0,93mm ²)	5,30			
443003-11	3xAWG20 (0,56mm ²)	4,80	442803-11	3xAWG18 (0,93mm ²)	5,70			
443004-11	4xAWG20 (0,56mm ²)	5,40	442804-11	4xAWG18 (0,93mm ²)	6,00			
443006-11	6xAWG20 (0,56mm ²)	6,10	442806-11	6xAWG18 (0,93mm ²)	7,20			
443008-11	8xAWG20 (0,56mm ²)	6,80	442808-11	8xAWG18 (0,93mm ²)	8,10			
443010-11	10xAWG20 (0,56mm ²)	7,60						
443012-11	12xAWG20 (0,56mm ²)	8,20						
443016-11	16xAWG20 (0,56mm ²)	9,10						
443018-11	18xAWG20 (0,56mm ²)	9,50						
443024-11	24xAWG20 (0,56mm ²)	11,00						

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