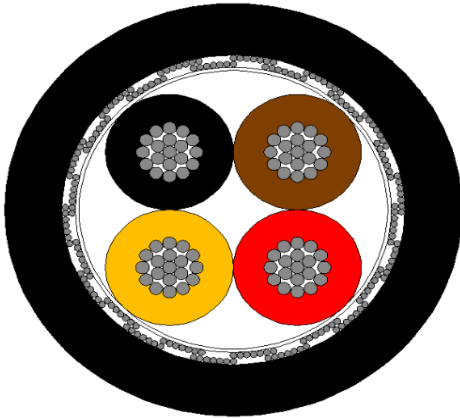


ELCUFLEX FMS



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	According to international colour code (VDE 0881)
Assembly	Conductors cabled in concentric layers with fillers (as required for round construction) + Polyester foil
Shield	Tinned copper braid, opt. coverage 85%
Jacket	PVC compound Cl.43 according to UL style 2464 80°C 300V
Jacket Colour	Black, RAL9005
Overall Diameter	see table for nominal values, tolerance ± 5%
Example Marking (EL02)	ELPROMAN FMS - 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 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

© Elproman AB - Technical modifications and errors reserved

ELCUFLEX FMS

Part nr.	Section	∅ mm	Part nr.	Section	∅ mm	Part nr.	Section	∅ mm
443702-11	2xAWG26 (0,14mm ²)	4,20	443502-11	2xAWG24 (0,22mm ²)	4,40	443302-11	2xAWG22 (0,34mm ²)	4,70
443703-11	3xAWG26 (0,14mm ²)	4,40	443503-11	3xAWG24 (0,22mm ²)	4,60	443303-11	3xAWG22 (0,34mm ²)	5,00
443704-11	4xAWG26 (0,14mm ²)	4,60	443504-11	4xAWG24 (0,22mm ²)	4,90	443304-11	4xAWG22 (0,34mm ²)	5,60
443706-11	6xAWG26 (0,14mm ²)	5,20	443506-11	6xAWG24 (0,22mm ²)	5,50	443306-11	6xAWG22 (0,34mm ²)	6,20
443708-11	8xAWG26 (0,14mm ²)	5,90	443508-11	8xAWG24 (0,22mm ²)	6,30	443308-11	8xAWG22 (0,34mm ²)	7,00
443710-11	10xAWG26 (0,14mm ²)	6,20	443510-11	10xAWG24 (0,22mm ²)	6,60	443310-11	10xAWG22 (0,34mm ²)	7,50
443712-11	12xAWG26 (0,14mm ²)	6,30	443512-11	12xAWG24 (0,22mm ²)	6,80	443312-11	12xAWG22 (0,34mm ²)	7,80
443716-11	16xAWG26 (0,14mm ²)	6,90	443516-11	16xAWG24 (0,22mm ²)	7,40	443316-11	16xAWG22 (0,34mm ²)	8,80
443718-11	18xAWG26 (0,14mm ²)	7,20	443518-11	18xAWG24 (0,22mm ²)	7,70	443318-11	18xAWG22 (0,34mm ²)	9,10
443724-11	24xAWG26 (0,14mm ²)	8,20	443524-11	24xAWG24 (0,22mm ²)	8,80	443324-11	24xAWG22 (0,34mm ²)	10,40
443727-11	27xAWG26 (0,14mm ²)	8,40	443527-11	27xAWG24 (0,22mm ²)	9,00			
443730-11	30xAWG26 (0,14mm ²)	8,60	443530-11	30xAWG24 (0,22mm ²)	9,30			
443736-11	36xAWG26 (0,14mm ²)	9,20	443536-11	36xAWG24 (0,22mm ²)	10,10			
443744-11	44xAWG26 (0,14mm ²)	10,20	443544-11	44xAWG24 (0,22mm ²)	11,40			
443748-11	48xAWG26 (0,14mm ²)	10,40	443548-11	48xAWG24 (0,22mm ²)	11,60			
443752-11	52xAWG26 (0,14mm ²)	11,00	443552-11	52xAWG24 (0,22mm ²)	11,90			
443760-11	60xAWG26 (0,14mm ²)	11,30	443560-11	60xAWG24 (0,22mm ²)	12,60			
Part nr.	Section	∅ mm	Part nr.	Section	∅ mm			
443102-11	2xAWG20 (0,56mm ²)	5,20	442902-11	2xAWG18 (0,93mm ²)	5,90			
443103-11	3xAWG20 (0,56mm ²)	5,50	442903-11	3xAWG18 (0,93mm ²)	6,20			
443104-11	4xAWG20 (0,56mm ²)	5,80	442904-11	4xAWG18 (0,93mm ²)	6,70			
443106-11	6xAWG20 (0,56mm ²)	6,70	442906-11	6xAWG18 (0,93mm ²)	7,80			
443108-11	8xAWG20 (0,56mm ²)	7,80	442908-11	8xAWG18 (0,93mm ²)	9,10			
443110-11	10xAWG20 (0,56mm ²)	8,20						
443112-11	12xAWG20 (0,56mm ²)	8,50						
443116-11	16xAWG20 (0,56mm ²)	9,30						
443118-11	18xAWG20 (0,56mm ²)	9,90						
443124-11	24xAWG20 (0,56mm ²)	11,40						
443127-11	27xAWG20 (0,56mm ²)	11,70						
443130-11	30xAWG20 (0,56mm ²)	12,20						
443136-11	36xAWG20 (0,56mm ²)	13,20						
443144-11	44xAWG20 (0,56mm ²)	14,90						
443148-11	48xAWG20 (0,56mm ²)	15,10						
443152-11	52xAWG20 (0,56mm ²)	15,50						
443160-11	60xAWG20 (0,56mm ²)	16,40						

© Elproman AB - Technical modifications and errors reserved

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