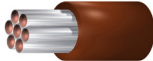



FEP // F25 HV

FEP insulated high voltage wires
Intended for use as internal wiring of equipment

Description	Conductor					Finished wire					
	Silver Plated Copper (SPC)					FEP			Weight	Amps	
	Size		Stranding	Resistance	Wire	Core	Tolerance				
2000 V AC / 5000V DC	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	
F25 HV 2619	26	0.16	19 x 0.102	122	0.50	2.40	2.30	2.50	11	12	1128000104
F25 HV 2419	24	0.22	19 x 0.127	77.4	0.60	2.50	2.30	2.70	12	16	700030802
2500 V AC / 5000V DC	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
F25 HV 2219	22	0.34	19 x 0.160	48.6	0.80	2.95	2.70	3.20	17	21	700030801
F25 HV 2019	20	0.60	19 x 0.203	29.9	0.96	3.20	2.95	3.45	23	28	700044943
F25 HV 1819	18	0.96	19 x 0.254	19.0	1.21	3.80	3.60	4.00	30	36	1128000120
F25 HV 1619	16	1.23	19 x 0.287	14.9	1.43	3.90	3.70	4.10	34	42	1128000102
3000 V AC / 6000V DC	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
F25 HV 1,5	-	1.50	19 x 0.320	13.7	1.52	3.50	3.30	3.70	31	47	700018242
5000 V AC / 10000V DC	AWG	mm ²	# x mm	Ω/km	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	@ 40°C	Article Number
F25 HV 1419	14	1.87	19 x 0.360	9.42	1.70	4.60	4.30	4.90	49	55	1128000118
F25 HV 2,5	-	2.50	50 x 0.250	8.21	1.95	4.90	4.60	5.20	55	64	700011396
F25 HV 1237	12	2.97	37 x 0.320	6.20	2.40	5.40	5.10	5.70	60	72	700011395
F25 HV 4,0	-	4.00	56 x 0.300	5.09	2.60	5.30	5.00	5.60	70	85	700016507
F25 HV 6,0	-	6.00	84 x 0.300	3.39	3.20	5.80	5.50	6.10	95	108	700016508

Voltage rating: The rating applied either to ignition wire use, or where the insulated wire is not in direct contact with an earth plane

Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU		Low smoke generation	Flame retardant	+200°C High temp
					Current rating in free air to IEC 60287	-65°C Low temp	

Data indicates nominal values in millimetres (mm) unless otherwise stated.

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice.