

Doc. Code: F7-10/01		Data Sheet						
Rev. Date: 03.06.26		For:		Flexible Wire		300/300 V		
Item No.	Specification					Date: 8/10/2026		
I. General								
1	Cable Size			2	×	0.5	mm ²	
2	Cable Type			NYFAZW		&	H03VH-F	
3	Manufacturer's Name							
4	Abbreviated Description			CU/PVC				
5	Standards			INSO 607-5		&	IEC 60227-5	
6	Rated Voltage			300/300 V				
II. Construction								
7	Conductor	Material		Annealed Bare Copper				
		Class		5				
		Shape		Round				
		Construction (No. x Nominal Dia.)	Phase	16	×	0.195	mm	
			Neutral	-	-	-	-	
8	Insulation	Material		PVC/D				
		Nominal Thickness & Dia. Core	Phase	0.8	mm	&	2.55*5.1	mm
			Neutral	-	-	-	-	-
		Color	Phase	White -	--	--	--	--
Neutral	-							
-	-	-		-				
		-		-				
-	-	-		-				
		-		-				
-	-	-		-				
		-		-				
-	-	-		-				
9	Working Temperature °C			70 °C				
III. Electrical Characteristics								
10	Max. DC Conductor Resistance For	Phase	at 20 °C	39 Ω/km				
			at 70 °C	46.6621 Ω/km				
		Neutral	at 20 °C	-				
			at 70 °C	-				
11	Max. Conductor Temperature At Short Circuit			160 °C				
12	Max. Short Circuit Current At 1 Sec			0.056 KA				
13	Voltage Test (dc)			4.8 KV 5 min				
14	Minimum Insulation Resistance at		20 °C	-				
			70 °C	0.013 MΩ.km				
15	Cable Length (per drum)			100 ; 500 ; 1000 meter				
16	Cable Weight (Approx.*)			22.1 gr/m				
		NOTES:						
		CU: Copper PVC/D: Poly Vinyl Chloride 70 °C (Insulation)						

Approx.*: ± 5%