



kalPLEX 105-8 heat resistant PVC stranded hook-up wire, lead free



kalPLEX 105-8 connecting lead wires are heat resistant and are also suitable for use in devices which are subject to a subsequent immersion process.

Application:

Connecting lines for motors, transformers, devices in which there are high

temperatures nearby and other areas of application like the construction of control cabinets, electronics etc.

Design:

Wire of tinned or bare copper wires, insulation of thermo-plastics. Type LiYV or LiY on the basis of VDE 0812. Cross sections labelled with ° are not listed in DIN/VDE 0812/11.88.

Insulation resistance:

min. 200 MΩ x km at +20°C.

Admissible temperature range:

at rest -30°C to 90°C (short term 105°C)
moving -5°C to 90°C (short term 105°C)

Colour code: Through supplementing with the number of the colour code you receive the complete item number.

Preferred colours:

black	XX = 01
blue	XX = 02
brown	XX = 03
red	XX = 04
white	XX = 05
grey	XX = 06
purple	XX = 07
yellow	XX = 11
green	XX = 12
green/yellow	XX = 00

Other available colours:

pink	XX = 08
orange	XX = 09

Colour combinations with ring signatures correspond with the colour table no. 1.

* Minimum production amounts and other colours upon request.

** Special types with larger nominal wall thicknesses upon request.

Item number tinned	Item number bare *	Cross section mm ²	Outer Ø approx mm	Delivery format	Running length approx. m	Wire construction n x mm	Nominal wall thickness appr. mm	Conductive resistance at +20°C max. ohm/km	Check voltage V	Operating voltage V	Copper number kg/1000 m
8799-XX	8974-XX	0,08	1,0	Spools K 160	500	10 x 0,10	0,20	223,000	1200	350	0,8
8800-XX	8975-XX			EB	5000						
8801-XX	8976-XX	0,14	1,1	Spools K 160	500	18 x 0,10	0,30	142,000	1200	350	1,5
8802-XX	8977-XX			EB	4500						
8803-XX	8978-XX	0,25	1,3	Spools K 160	500	14 x 0,15	0,30	77,500	2500	900	2,5
8804-XX	8979-XX			EB	3400						
8805-XX	8980-XX	0,38	1,7	Spools K 160	300	12 x 0,20	0,38	50,600	2500	900	3,8
8806-XX	8981-XX			EB	2300						
8807-XX	8982-XX	0,50	1,8	Spools K 160	300	16 x 0,20	0,40	38,200	2500	900	5,0
8808-XX	8983-XX			EB	1500						
8809-XX	8984-XX	0,75	2,0	Spools K 160	300	24 x 0,20	0,40	25,400	2500	900	7,5
8810-XX	8985-XX			EB	1300						
8811-XX	8986-XX	1,00	2,1	Spools K 160	250	32 x 0,20	0,40	19,100	2500	900	10,0
8812-XX	8987-XX			EB	1200						
8813-XX	8988-XX	1,50	2,6	Spools K 160	200	30 x 0,25	0,50	13,000	3000	1500	15,0
8814-XX	8989-XX			EB	1000						
8815-XX	8990-XX	0,250	3,3	Spools K 160	100	50 x 0,25	0,60	7,800	3000	1500	25,0
8816-XX	8991-XX			EB	600						
8817-XX	-	0,400	3,9	Rings	100	56 x 0,30	0,65	4,700	3000	1500	40,0
8818-XX	-			Spools K 355	400						
8819-XX	-	0,600	5,0	Rings	100	84 x 0,30	0,70	3,140	3000	1500	60,0
8820-XX	-			Spools K 355	350						
8821-XX	-	0,1000	6,3	Rings	100	80 x 0,40	0,85	1,840	3000	1500	100,0
8822-XX	-			Spools K 355	200						
8823-XX	-	0,1600	8,0	Rings	50	128 x 0,40	1,15	1,160	4000	3000	160,0
8824-XX	-			Drums	auf Anfrage						
8825-XX	-	0,2500	10,5	Rings	50	200 x 0,40	1,65	0,743	4000	3000	250,0
8826-XX	-			Drums	auf Anfrage						
8827-XX	-	0,3500	11,4	Rings	50	280 x 0,40	1,30	0,529	4000	3000	350,0
8828-XX	-			Drums	auf Anfrage						

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