



CONSTRUCTION

- Conductor:** Bare electrolytic copper, soft annealed, stranded class 2.
- Insulation:** Polyvinyl chloride, 105 °C (PVC/E).
- Assembly:** Lay-up with a 50mm² pitch.
- Separator:** Non-hygroscopic polyester tape, applied helicallly, overlapped to the assembly covering 100% of the pair or the trio.
- Individual Electrostatic Shield:** Aluminum/polyester tape applied helicallly, overlapped covering 100% of the pair or the trio, with tinned copper drain wire with nominal cross-section of 0.5mm², in contact with the shield.
- Separator:** Non-hygroscopic polyester tape, applied helicallly, overlapped to the assembly covering 100%.
- Jacket:** Polyvinyl chloride compound (PVC type ST1) in black color.
- Communication:** Bare electrolytic copper, soft annealed, nominal cross-section 0.5mm² insulated with PVC with thickness of 0.5mm², blue color in the center.

IDENTIFICATION

NUMERICAL SYSTEM

PAIR - White and Black.

TRIO - White, Black and Red.

APPLICATION

INDUSINAL MULTICABLES are used in signaling and instrumentation circuits with individual electrostatic shielding.

PACKAGING

They are normally supplied on wooden reels.

SPECIFICATIONS

NBR-10.300 - Instrumentation cables with extruded polyethylene (PE) or polyvinyl chloride (PVC) insulation for voltages up to 300V.

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INDUSINAL MULTICABLE WITH SHIELDING – 300V (PVC INSULATION)

Reference Product	Product	Nominal Section (mm ²)	Number of		Nominal Insulation Thickness (mm)	Nominal Jacket Thickness (mm)	Nominal Overall Diameter (mm)	Nominal Net Weight (kg/km)		
			Pairs	Trios						
4080.02.005	2KP-CUA	0,5	2	-	0,4	1	9,3	85,9		
4080.04.005	4KP-CUA		4	-		1,1	11	136,6		
4080.06.005	6KP-CUA		6	-		13,2	186,3			
4080.08.005	8KP-CUA		8	-		1,2	15,8	244,8		
4080.10.005	10KP-CUA		10	-		17	290,2			
4080.12.005	12KP-CUA		12	-		1,3	17,8	340,3		
4080.16.005	16KP-CUA		16	-		19,8	429,1			
4080.20.005	20KP-CUA		20	-		1,4	22,3	530,6		
4080.24.005	24KP-CUA		24	-		1,5	25	635,4		
4080.36.005	36KP-CUA		36	-		1,6	28,8	904,9		
4100.04.005	4TKP-CUA		-	4		1,1	11,7	167,8		
4100.12.005	12TKP-CUA		-	12		1,4	19,2	439,6		
4100.16.005	16TKP-CUA		-	16		1,4	21,7	558		
4100.36.005	36TKP-CUA		-	36		1,7	31,1	1183,2		
4080.02.007	2KP-CUA		1	2		-	0,4	1	11	118
4080.04.007	4KP-CUA			4		-		1,2	13,2	201,6
4080.06.007	6KP-CUA	6		-	1,2	15,9		279,2		
4080.08.007	8KP-CUA	8		-	1,3	19,1		367,6		
4080.10.007	10KP-CUA	10		-	1,3	20,6		439,4		
4080.12.007	12KP-CUA	12		-	1,4	21,5		516,3		
4080.16.007	16KP-CUA	16		-	1,5	24,2		668,6		
4080.20.007	20KP-CUA	20		-	1,5	27		813,5		
4080.24.007	24KP-CUA	24		-	1,6	30,2		974		
4080.36.007	36KP-CUA	36		-	1,8	35,1		1415,2		
4100.04.007	4TKP-CUA	-		4	1,2	14,1		257,7		
4100.12.007	12TKP-CUA	-		12	1,5	23,2		690,7		
4100.16.007	16TKP-CUA	-		16	1,6	26		897,6		
4100.36.007	36TKP-CUA	-		36	1,9	37,8		1914,8		
4080.02.008	2KP-CUA	1,5		2	-	0,4		1,1	12,3	148,6
4080.04.008	4KP-CUA			4	-			1,2	14,5	248,2
4080.06.008	6KP-CUA		6	-	1,3		17,7	355,6		
4080.08.008	8KP-CUA		8	-	1,3		21	458,2		
4080.10.008	10KP-CUA		10	-	1,4		23	561,6		
4080.12.008	12KP-CUA		12	-	1,4		23,8	648,8		
4080.16.008	16KP-CUA		16	-	1,5		26,7	843,4		
4080.20.008	20KP-CUA		20	-	1,6		30,1	1044,1		
4080.24.008	24KP-CUA		24	-	1,7		33,6	1249,5		
4080.36.008	36KP-CUA		36	-	1,9		39,1	1818,3		
4100.04.008	4TKP-CUA		-	4	1,3		15,7	331,6		
4100.12.008	12TKP-CUA		-	12	1,5		25,6	883,4		
4100.16.008	16TKP-CUA		-	16	1,7		29	1165,9		
4100.36.008	36TKP-CUA		-	36	2,1		42,3	2517,5		