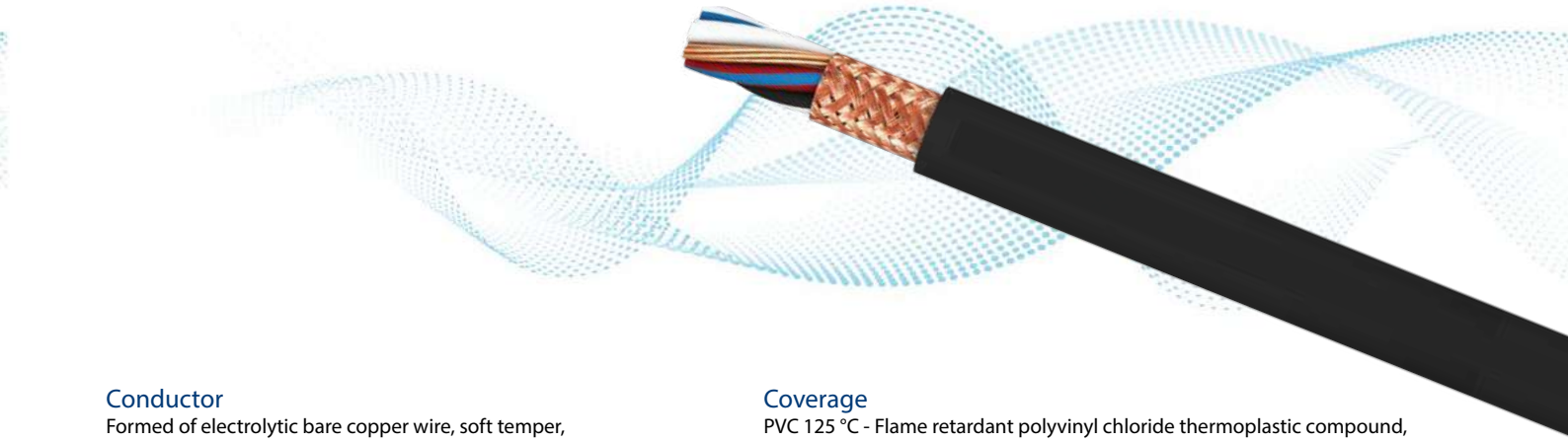
Drain Wire Cable

ISO 14572



Conductor
Formed of electrolytic bare copper wire, soft temper, stranding class A, according to ISO 6722-1.

Insulation
PP 125 °C (flame retardant polypropylene compound) and PVC 125 °C (flame retardant polyvinyl chloride thermoplastic compound), class C (T3), according to ISO 6722-1.

Identification
Veins colored according to standard.

Drain
Formed of electrolytic bare copper wire, soft temper, stranding class A, according to ISO 6722-1.

Shielding
- BMC - Shielding in mesh of electrolytic bare copper wires, soft temper, with a minimum coating of 80%.
- BFA - Shielding in aluminized polyester tape, applied longitudinally.

Coverage
PVC 125 °C - Flame retardant polyvinyl chloride thermoplastic compound, class C (T3), according to ISO 6722-1

Maximum temperatures at the conductor
- -40 °C to 125 °C in continuous service.

Implementation
Employed in electrical harnesses of motor vehicles, agricultural machinery and implements.

Applicable Standards
ISO 14572 - Road vehicles - Round, sheathed, 60V and 600V screened and unscreened single- or multi-core cables - Test methods and requirements for basic - and high-performance cables.

Construction Data*

Number of Conductors	Section (mm²)	Conductor/Drain				Veins				Shielding					Complet Cable				
		Number of Wires	Maximum Wire Diameter (mm)	Conductor Diameter (mm)	Maximum Electrical Resistance (Ω/km)	Minimum Thickness Insulation (mm)	Veins Outer Diameter		Passo Reunião Veias (mm)	Number of Wires	Maximum Wire Diameter (mm)	Coating Mesh (%)	Aluminized Tape		Minimum Thickness Coverage (mm)	Outer Diameter Cable		Approx mass (kg/km)	Standard Packaging (m)
							Minimum (mm)	Nominal (mm)					Width (mm)	Thickness (mm)		Minimum (mm)	Maximum (mm)		
1	0,50	7	0,30	0,9	40,1	0,22	1,5	1,6	35	96	0,13	87	13,2	0,05	0,5	4,3	4,6	30,0	1250
2	0,35	7	0,26	0,8	52,0	0,20	1,3	1,4	45	96	0,13	84	13,2	0,05	0,4	4,4	4,6	30,8	1250
	0,50	7	0,30	0,9	40,1	0,22	1,5	1,6	45	112	0,13	83	13,2	0,05	0,5	4,7	5,1	39,0	1250
	1,00	19	0,26	1,3	19,9	0,24	1,9	2,0	50	144	0,13	85	15,0	0,05	0,5	5,5	5,9	58,4	1000
	1,50	19	0,32	1,5	13,5	0,24	2,2	2,3	50	160	0,13	85	17,0	0,05	0,5	6,2	6,4	73,9	1250
3	0,50	7	0,30	0,9	40,1	0,22	1,5	1,6	45	120	0,13	83	15,0	0,05	0,5	5,0	5,4	47,3	1250
	1,00	19	0,26	1,3	19,9	0,24	1,9	2,0	50	144	0,13	82	17,0	0,05	0,5	5,9	6,2	70,9	1250
4	0,35	7	0,26	0,8	52,0	0,20	1,3	1,4	45	112	0,13	84	13,2	0,05	0,4	4,7	5,1	42,4	1250
	0,50	7	0,30	0,9	40,1	0,22	1,5	1,6	45	128	0,13	81	15,0	0,05	0,6	5,6	6,0	55,8	1000
	1,00	19	0,26	1,3	19,9	0,24	1,9	2,0	55	160	0,13	81	17,0	0,05	0,5	6,4	6,7	84,3	1000
5	0,35	7	0,26	0,8	52,0	0,20	1,3	1,4	45	128	0,104	84	13,2	0,05	0,4	5,3	5,7	51,9	1000