

Applicable Standard	EN 50288-7 - IEC 60228
Cable Size	10 x 2 x 2.5 mm ²
Abbreviation Code	CU/PVC/OSCR/PVC/SWA/PVC
Nominal Voltage	500 V
Type	Instrument Armoured Cable

Construction Data			REF. Standard
Conductor	Material	Plain Annealed Stranded Copper	IEC 60228
	Classification	2	
	Conductor Cross Section	2.5	
Insulation	Material	PVC	EN 50288
	Nominal Thickness	0.44 mm	
	Color	Twisted Pair White , Black (Numberd with white print)	
Overall screen	Material	Polyster Tape , Aluminium Tape	EN 50288
	Nominal Thickness	0.025 mm , 0.025 mm	
Drain wire for Overall screen	Material	Plain Annealed Tinned Copper	EN 50288
	Classification	2	
	Diameter of Conductor	7 x 0.3	
Inner sheath	Material	PVC	EN 50288
	Nominal Thickness	1.2 mm	
Armour	Material	Galvanized Steel Wire	EN 50288
	Dia. of wire	1.6 mm	
Sheath	Material	PVC	EN 50288
	Nominal Thickness	1.9 mm	
	Color	Black	

Electrical and Mechanical Parameter		REF. Standard
Max Resistance conductor at 20°C	7.41 Ω/km	IEC 60228
Tensile strength of insulation (Min.)	12.5 N/mm ²	EN 50288
Elongation at break of insulation (Min.)	150%	
Tensile strength of sheath (Min.)	12.5 N/mm ²	
Elongation at break of sheath (Min.)	150%	

