

Unshielded Data Cable



APPLICATION

Transmission, control and data cable is suitable for security, audio, BMS, fire alarm systems. It can be used in dry and humid rooms.

Two cores are twisted to form a pair to reduce electromagnetic interference from external sources.



Construction	
Conductor	Flexible class 5 stranded bare copper conductor
Insulation	Polyethylene (PE) compound, twisted in pair
Outer sheath	PVC/LSZH. Color: Grey/Orange

Technical Data	
Working voltage	300/500V
Test voltage	1500V
Rated temperature	-20°C to +70°C
Conductor resistance (max) (Ω/km)	0.5 mm ² : 39; 0.75 mm ² : 26; 1.0 mm ² : 19.5; 1.5 mm ² : 13.3; 2.0 mm ² : 10.6; 2.5 mm ² : 8.1
Insulation resistance	> 2 GΩ x km
Impedance	120 Ω
Max recommended current @ 25°C (Amps)	0.5 mm ² : 3.0; 0.75 mm ² : 5.9; 1.0 mm ² : 9.8; 1.5 mm ² : 13.9; 2.0 mm ² : 16.8; 2.5 mm ² : 20.1
Smoke density	IEC 61034-2 (LSZH sheath)
Halogen free	IEC 60754-1 (LSZH sheath)
Flame retardant	IEC 60332-1
Standard & Approval	RoHS, SIRIM
Minimum bending radius	8 x OD (static)

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Part No.		Dimension n x mm ²	Cable OD mm	Insulation thickness mm	Jacket thickness mm
PVC jacket	LSZH jacket				
757 1250	763 1250	1PR x 0.5	4.9	0.40	0.70
757 1275	763 1275	1PR x 0.75	5.3	0.40	0.70
757 1210	763 1210	1PR x 1.0	5.7	0.40	0.70
757 1215	763 1215	1PR x 1.5	7.1	0.52	0.90
757 1220	763 1220	1PR x 2.0	7.9	0.60	0.90
757 1225	763 1225	1PR x 2.5	8.6	0.62	1.00
757 2250	763 2250	2PR x 0.5	7.6	0.40	0.80
757 2275	763 2275	2PR x 0.75	8.5	0.40	0.90
757 2210	763 2210	2PR x 1.0	9.2	0.40	0.95
757 2215	763 2215	2PR x 1.5	11.1	0.52	1.00
757 2220	763 2220	2PR x 2.0	12.6	0.60	1.10
757 2225	763 2225	2PR x 2.5	13.5	0.62	1.15
757 3250	763 3250	3PR x 0.5	8.3	0.40	0.90
757 3275	763 3275	3PR x 0.75	9.3	0.40	1.00
757 3210	763 3210	3PR x 1.0	10.1	0.40	1.05
757 3215	763 3215	3PR x 1.5	12.1	0.52	1.10
757 3220	763 3220	3PR x 2.0	13.7	0.60	1.20
757 3225	763 3225	3PR x 2.5	14.7	0.62	1.25
757 4250	763 4250	4PR x 0.5	9.5	0.40	1.00
757 4275	763 4275	4PR x 0.75	10.5	0.40	1.10
757 4210	763 4210	4PR x 1.0	11.1	0.40	1.10
757 4215	763 4215	4PR x 1.5	13.7	0.52	1.20
757 4220	763 4220	4PR x 2.0	15.6	0.60	1.30
757 4225	763 4225	4PR x 2.5	16.7	0.62	1.35