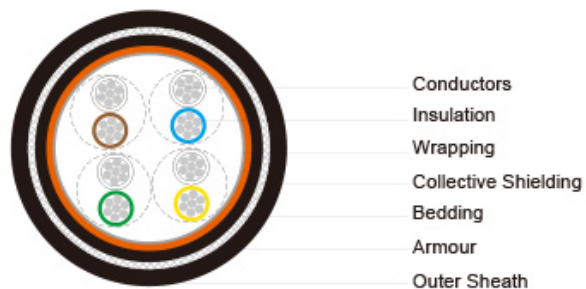


S10 IYOI(c) 60 V



Applications :	These cables are flame retardant, low smoke and halogen free, used for indoor telecommunication.
Standards :	IEC 60092-359 IEC 60332-1 IEC 60332-3-22 IEC 60754-1,2 IEC 61034-1,2 NEK 606:2004
Conductors :	Solid tinned copper, 0.5mm.
Insulation :	Halogen-free thermoplastic compound PE.
Twinning :	Colour coded cores twisted together. Pairs are cross-stranded to finished cable or 10 pair units. The units are stranded to 20 - 30 - 50 pair cables. 2 pair is stranded as a star quad.
Wrapping :	Polyester tape.
Collective Shielding :	The cable core is screened by copper backed polyester tape in contact with a 0.5mm solid tinned drain wire.
Bedding :	Halogen-free thermoplastic compound, type SHF1, coloured grey.
Armour :	Copper wire braid.
Outer Sheath :	Halogen-free thermoplastic compound, type SHF1, coloured grey.

Electrical Characteristics :

Nominal Conductor Diameter	mm	0.5
Maximum Resistant@20°C	Ω/km	95
Nominal Inductance@1KHz	MH/km	0.61
Mutual Capacitance 1-pair cable	nF/km	90
Mutual Capacitance 2-pair cable	nF/km	80
Mutual Capacitance 4-pair and above cable	nF/km	70

Operating Voltage

V

60

Mechanical and Thermal Properties :

Bending Radius : 8×OD (during installation); 6×OD (fixed installed).

Temperature Range : -10°C ~ +60°C.

Dimensions and Weight :

Construction No. of elements×No. of cores in element×Core diameter (mm)	Nominal Insulation Thickness mm	Nominal Sheath Thickness mm		Nominal Overall Diameter mm	Nominal Weight kg/km
		Inner	Outer		
1×2×0.5	0.2	1.2	1.2	8.0	95
2×2×0.5	0.2	1.2	1.2	9.0	110
4×2×0.5	0.2	1.2	1.2	10.0	145
10×2×0.5	0.2	1.5	1.5	12.0	200
20×2×0.5	0.2	1.5	1.5	15.0	330
30×2×0.5	0.2	1.5	1.5	17.0	430
50×2×0.5	0.2	1.5	1.5	20.0	580