

APPLICATION RANGE

In places where electro-magnetic interference and influence exists

- Instrumentation and control engineering
- Industrial electronics
- Computers and office machines
- Indoor communication systems
- Indoor sound systems
- Security systems

CONSTRUCTION

Conductor:	Stranded electrolytic copper wire Class5, (BS EN 60228:2005)
Insulation:	Core insulation made of Cross-Link Polyolethylen (XLPE) (DIN VDE 0276-308)
Colour Code:	OZ - Black coloured, cores numbered JZ - One green/yellow coloured core and black coloured cores numbered OB / JB - coloured cores acc. to HD 308.1
Stranding:	In layers of optimum pitch
Wrapping:	PES tape
Screen:	AL-PES tape + Tinned copper braiding
Sheath:	PVC (Polyviniyl Chloride) Compound (EN 50363-4-1)
Sheath Colour:	Transparent or Black (2XSLCYK)

TECHNICAL SPECIFICATION

Temperature Range	-30°C to +70°C (Fixed Installation)
Minimum Bending Radius	7,5 x outer diameter
Flame Retardant	IEC 60332-1-2

ELECTRICAL SPECIFICATION

Conductor cross-section	nom.	mm ²	1,5	2,5	4	6	10
Conductor resistance	max.	Ω/km	13,3	7,98	4,95	3,3	1,91
Insulation resistance test	min.	MΩxkm	20				
Test voltage		V	3500				
Operating Voltage		V	600/1000 V				



2XSLCY		
CROSS SECTION	OUTER DIA. ±(%5)	G
mm2	mm	Kg/Km
4X1,5	11,50	168,85
4X2,5	12,20	210,17
4x4	13,60	280,44
4x6	15,10	367,98
4x10	17,60	558,30
4x16	20,10	800,51
4x25	25,70	1256,07
4x35	29,00	1684,07
4x50	33,50	2315,29
4x70	38,50	3138,21
3X1,5+3x0,25	11,10	156,19
3X2,5+3x0,5	12,00	198,04
3x4+3x0,75	12,80	252,60
3x6+3x1	14,10	327,77
3x10+3x1,5	16,80	498,36
3x16+3x2,5	19,00	702,01
3x25+3x4	22,80	1036,50
3x35+3x6	25,50	1387,30
3x50+3x10	30,00	2003,55
3x70+3x10	34,30	2596,97