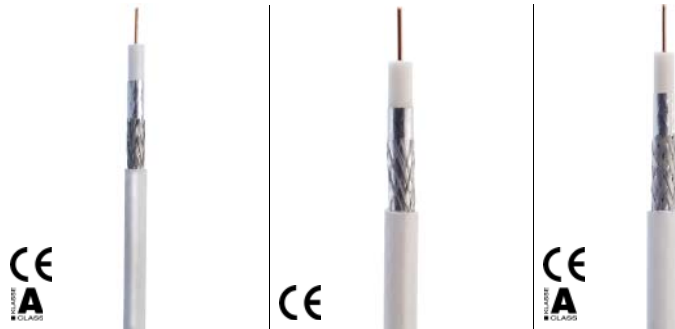


Cables, plugs, transitions

Cables

LCD 89 21510004/21510005
LCD 90 271648/21510006/271650
LCD 95 271657/21510007/271762

- Impedance: 75 Ω
- Insulation of special PE compound, gas-injection foamed
- Metre marking
- Lead and silicone free
- Conform with EN 50117
- For indoor mounting



Type		LCD 89	LCD 90	LCD 95
Order no. 100 m		21510004	271648	271657
Order no. 250 m		-	21510006	21510007
Order no. 500 m		21510005	271650	271762
Centre conductor	mm	0.75 Cu	1.13 Cu	1.13 Cu
Insulation	mm	3.2 PEE/PH	4.8 PEE/PH	4.8 PEE/PH
Outer conductor	mm	3.8 1 x Triplex-Al/pet/Al film, 1 x CuSn meshwork	5.3 1 x Triplex-Al/pet/Al film, 1 x CuSn meshwork	5.3 1 x Triplex-Al/pet/Al film, 1 x CuSn meshwork
External coating	mm	5.0 PVC white	6.8 PVC white	6.8 PVC white
Copper content	kg/km	13.0	14.0	23.0
Bending radius	mm	> 25	> 35	> 35
Reduction factor		0.85	0.81	0.85
Loss at 5 MHz	dB/100 m	2	1	1
Loss at 50 MHz	dB/100 m	6	4	4
Loss at 100 MHz	dB/100 m	9	6	6
Loss at 200 MHz	dB/100 m	12	8	8
Loss at 300 MHz	dB/100 m	15	10	10
Loss at 450 MHz	dB/100 m	18	13	13
Loss at 800 MHz	dB/100 m	24	18	17
Loss at 1,000 MHz	dB/100 m	28	21	19
Loss at 1,350 MHz	dB/100 m	33	25	22
Loss at 1,750 MHz	dB/100 m	38	28	26
Loss at 2,050 MHz	dB/100 m	42	31	28
Loss at 2,400 MHz	dB/100 m	45	33	31
Return loss 5-470 MHz	dB	> 20	> 20	> 26
Return loss 470-862 MHz	dB	> 18	> 18	> 23
Return loss 862-2,150 MHz	dB	> 16	> 16	> 20
DC resistance	Ω/km	< 65	< 45	< 30
Screening loss 30-1,000 MHz	dB	> 90 ¹⁾	> 75	> 90
Screening loss 1,000-2,400 MHz	dB	> 90	> 65	> 90
Coupling resistance 5-30 MHz	mΩ/m	< 5 ²⁾	-	< 5
Thermal load	MJ/m	0.68	0.73	0.68
Ambient temperature range	°C	-25 to +70	-25 to +70	-25 to +70
Packing	100 m	One-way coil	One-way coil	One-way coil
Packing	5 x 100 m	Cardboard box	Cardboard box	Cardboard box
Packing	250 m	-	Unroll box	Unroll box
Packing	500 m	One-way drum	One-way drum	One-way drum
Weight	kg/100 m	3.0	4.8	6.1

¹⁾ 30-80 MHz > 85 dB

²⁾ 5-7 MHz < 7 mΩ/m