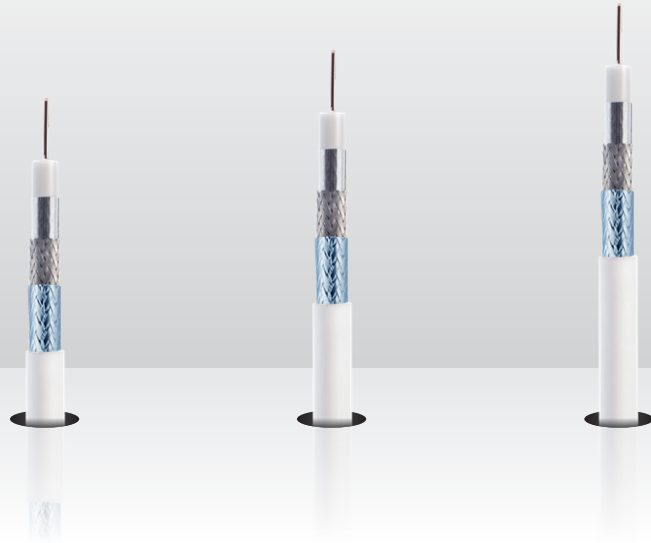


Fireproof cables

KLASSE
A
CLASS



Parameter	Frequency [MHz]	LCD 130A+ 100m	LCD 130A+ 250m	LCD 130A+ 500m
Structure				
Inner conductor [mm]		1,13 Cu	1,13 Cu	1,13 Cu
Isolation [mm]		4,8 PE	4,8 PE	4,8 PE
Outer conductor		2 x Al/pet foil, 1 x CuSn braid	2 x Al/pet foil, 1 x CuSn braid	2 x Al/pet foil, 1 x CuSn braid
Sheath [mm]		6,9 HFFR	6,9 HFFR	6,9 HFFR
Color PVC-Type		white	white	white
Loss at 20°C [dB]	5	1	1	1
	50	4,1	4,1	4,1
	100	5,7	5,7	5,7
	450	12	12	12
	860	17,1	17,1	17,1
	1.000	18,5	18,5	18,5
	2.150	28,4	28,4	28,4
Return loss [min. dB]	2.400	29,9	29,9	29,9
	5 – 470	26	26	26
	470 – 862	25	25	25
	862 – 1.000	23	23	23
1.000 – 2.150	20	20	20	
Electrical features				
Shortening factor typ.		0,85	0,85	0,85
DC resistance at 20°C				
Inner conductor [Ω /100 m max.]		3	3	3
Screening Class				
Transfer impedance [m Ω /m]	5 – 30	< 0,9	< 0,9	< 0,9
Screening [dB typ.]	30 – 3.000	130	130	130
Mechanical features				
Min. setting radius [mm] once		35	35	35
Max. tensile strength [N]		120	120	120
Ambient temperature range [°C]		-25 – +70	-25 – +70	-25 – +70
Weight [approx. kg/km]		5,1	5,1	5,1
Standard package [m]		100	250	500
Package type		Non-returnable spool	Roll-off carton packaging	Non-returnable drum
Fire class acc. BauPVO EN 50575		B2ca s1a d0 a1	B2ca s1a d0 a1	B2ca s1a d0 a1
Order No.		82215139	82215142	82215141

Cu = copper; **PE** = polyethylene; **PVC** = polyvinyl chloride; **Al/pet** = metallised PET film, evaporated with aluminium in high vacuum; **CuSn** = tin-plated copper braid with coverage in %; **HFFR** = Halogen Free Flame Retardant