HD 40 series

Coaxial and Hybrid cables

Application :
Interconnection between analogue videosurveillance cameras

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E D C B A

Construction and Dimensions

COAXIAL CABLE

		materials	Overall diameters (mm)
A.	**Inner conductor :** Copper clad and steel	**Ccs**	0,4 ± 0,015
B.	**Dielectric :** Skin foam Skin gas injected	**PEE**	1,9 ± 0,15
C.	**Foil :** Aluminum foil	**Al-copo**	
D.	**Braid :** High conductivity B-lloy wires	**B-lloy**	2,5 ± 0,15
E.	**Sheath :** DURAFLAM® Low Smoke Zero Halogens	**LSZH**	3,3 ± 0,1

Electrical Characteristics

Impedance : 75±2 Ohm

Capacitance : 53±2 pF/m

Velocity ratio : 85%

Voltage test of sheath : 2 kVdc

Return loss SRL	
5 - 470 MHz	≥ 30

Attenuation at 20° C

MHz	dB/100m	MHz	dB/100m	MHz	dB/100m
2	3,09	**5**	3,87	**8**	4,63
3	3,24	**6**	4,12	**9**	4,89
4	3,37	**7**	4,24	**10**	5,14

Mechanical characteristics

Minimum static banding radius : 5 times overall diameter

Operating temperature : -40°C to +70°C

Chart

Part number	cable conductors	nominal cross sectional area	DC resistance	weight	outer sheath	overall diameters
		mm2	*Ω/km*	*kg/Km*		*mm*
HD 4019	coax	-	-	15,2	Duraflam LSZH	3,3
HD 4025	coax + 2	2 x 0,5	37,7	49,9	Duraflam LSZH	6,8
HD 4405	coax + 4	2 x 0,5 + 2 x 0,22	37,7-95	53,9	Duraflam LSZH	6,8
HD 4207	coax + 2	2 x 0,75	24,6	58,6	Duraflam LSZH	7,2
HD 4407	coax + 4	2 x 0,75 + 2 x 0,22	24,6-95	63,3	Duraflam LSZH	7,2
HD 4210	coax + 2	2 x 1,0	18,9	65,7	Duraflam LSZH	7,5
HD 4215	coax + 2	2 x 1,5	13,5	78,6	Duraflam LSZH	8,0
HD 4225	coax + 2	2 x 2,5	8,4	99,4	Duraflam LSZH	8,5

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COAXIAL AND SPECIAL CABLES MANUFACTURING