

Cables radio frequency coaxial 75 Ohm

Description	PK 75	1,0-80B(Π)	1,5-80B(Π)	2,2-80B(Π)	3-32 (34)	3-32M (34M)	3,7-35 (34)
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Electric parameters

Impedance	Ohm	75+/-5	75+/-3	75+/-3	75+/-3	75+/-3	75+/-3	
Capacity	pF/m	55,5+/-3	55,5+/-3	54,5+/-3	54,5+/-3	54,5+/-3	54,5+/-3	
Velocity ratio	%	80	80	80	80	80	85	
DC resistance (20 °C)	Conductor	Ohm/km	363,0	222,0	98,0	63,1	83,6	35,5
	Outer shield	Ohm/km	94,7	71,1	49,5	40,6	40,6	24,6
Attenuation (20 °C)	1 MHz	dB/100 m	2,74	2,15	1,50	1,18	1,34	0,86
	5 MHz	dB/100 m	6,11	4,81	3,42	2,65	3,00	1,93
	10 MHz	dB/100 m	8,65	6,81	4,85	3,75	4,25	2,73
	50 MHz	dB/100 m	19,36	15,25	10,30	8,4	9,52	6,13
	100 MHz	dB/100 m	27,38	21,58	15,35	11,9	13,48	8,68
	200 MHz	dB/100 m	38,74	30,55	21,20	16,87	19,11	12,3
	300 MHz	dB/100 m	47,46	37,45	26,70	20,7	23,45	15,09
	470 MHz	dB/100 m	59,42	46,94	33,80	25,97	29,42	18,93
Return loss at	862 MHz	dB/100 m	80,52	63,71	46,00	35,32	40,01	25,75
	1000 MHz	dB/100 m	86,74	68,66	49,20	38,09	43,14	27,77
	1350 MHz	dB/100 m						
	1750 MHz	dB/100 m						
	2150 MHz	dB/100 m						
Screening efficiency	30-470 MHz	dB	>23	>23	>23	>23	>23	>23
	470-862 MHz	dB	>20	>20	>20	>20	>20	>20
	862-2150 MHz	dB	>18	>18	>18	>18	>18	>18
Screening efficiency	5-10 MHz	dB	>70	>60	>60	>75	>75	>75
	10-30 MHz	dB	>75	>75	>75	>90	>90	>90
	30-1000 MHz	dB	>85	>85	>85	>90	>90	>90

Construction

Material conductor			Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
Diameter conductor	Ø mm		0,25	0,32	0,48	0,60	7x0,20	0,80
Material dielectric			FHDPE	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE
Diameter dielectric	Ø mm		1,0±0,15	1,5±0,15	2,2±0,15	3,0±0,15	3,0±0,15	3,7±0,15
Braiding material			Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
Braid coverage	%		80	80	80	85	85	85
Outer jacket			PVC(PE)	PVC(PE)	PVC(PE)	PVC	PVC	PVC
Diameter sheath	Ø mm		2,8	3,0	3,6	6,1	6,1	6,1
Min. Setting radius	mm		10	15	20	25	20	30

Code of cable		4697(4698)	4691(4692)	4635(4636)	4694(4979)	4695(4696)	4978(4991)
Colour		White (Black)	White (Black)	White (Black)	White (Black)	White (Black)	White (Black)
Packing	m	300/500	300/500	300/500	200/300	200/300	200/300
Total weight	kg/km	10,00 (9,15)	11,59 (10,10)	16,00 (14,00)	27,00 (23,50)	27,00 (23,50)	45,00 (35,10)

Cables radio frequency coaxial 75 Ohm

Description	PK 75	4,3-a40B(Π)	4,3-a60B(Π)	4,3-a90B(Π)	4,8-a60B(Π)	7,2-a60Π	7,2-m90Π
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Electric parameters

Impedance	Ohm	75+/-3	75+/-3	75+/-3	75+/-3	75+/-3	75+/-3	
Capacity	pF/m	54,5+/-3	54,5+/-3	54,5+/-3	53,4+/-3	51,5+/-3	51,5+/-3	
Velocity ratio	%	85	85	85	85	84	84	
DC resistance (20 °C)	Conductor	Ohm/km	22,50	22,50	22,50	17,80	8,40	8,40
	Outer shield		26,70	24	14,70	22	14	11
Attenuation (20 °C)	1 MHz	dB/100 m	0,70	0,68	0,67	0,61	0,42	0,39
	5 MHz	dB/100 m	1,57	1,53	1,49	1,36	0,93	0,89
	10 MHz	dB/100 m	2,22	2,17	2,11	1,93	1,32	1,26
	50 MHz	dB/100 m	4,98	4,85	4,72	4,32	2,97	2,83
	100 MHz	dB/100 m	7,06	6,87	6,69	6,11	4,21	4,02
	200 MHz	dB/100 m	10,00	9,74	9,47	8,66	5,97	5,71
	300 MHz	dB/100 m	12,27	11,95	11,62	10,63	7,33	6,99
	470 MHz	dB/100 m	15,39	14,98	14,58	13,34	9,21	8,79
	862 MHz	dB/100 m	20,93	20,37	19,82	18,14	12,56	11,99
	1000 MHz	dB/100 m	22,57	21,97	21,37	19,56	13,55	12,94
Return loss at	1350 MHz	dB/100 m	26,29	25,59	24,89	22,79	15,81	15,09
	1750 MHz	dB/100 m	29,94	29,15	28,35	26,02	18,08	17,26
	2150 MHz	dB/100 m	33,27	32,38	31,52	28,91	20,12	19,21
	30-470 MHz	dB	>23	>23	>23	>23	>23	>23
	470-862 MHz	dB	>20	>20	>20	>20	>20	>20
Screening efficiency	862-2150 MHz	dB	>18	>18	>18	>18	>18	>18
	5-10 MHz	dB	>75	>80	>85	>80	>80	>85
	10-30 MHz	dB	>85	>90	>95	>90	>90	>95
	30-1000 MHz	dB	>90	>95	>100	>95	>95	>100

Construction

Material conductor			Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
Diameter conductor	∅	mm	1,00	1,00	1,00	1,13	1,63	1,63
Material dielectric			FHDPE	FHDPE	FHDPE	FHDPE	FHDPE	FHDPE
Diameter dielectric	∅	mm	4,3±0,15	4,3±0,15	4,3±0,15	4,8±0,15	7,2±0,15	7,2±0,15
Type of foil			Al/Pet/Al	Al/Pet/Al	Al/Pet/Al	Al/Pet/Al	Al/Pet/Al	Cu/Pet
Braiding material			Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Annealed tinned copper	Bare copper
Braid coverage		%	40	60	90	60	60	90
Outer jacket			PVC(PE)	PVC(PE)	PVC(PE)	PVC(PE)	PE	PE
Diameter sheath	∅	mm	6,8	6,8	6,8	7,1	10,3	10,3
Min. Setting radius		mm	30	30	30	40	120	120
Max. recommended pulling tension		N	50	55	55	60	300	300

Code of cable		4794(4751)	4752(4753)	4801(4827)	4605(4941)	4670	4731
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Colour		White (Black)	White (Black)	White (Black)	White (Black)	Black	Black
Packing	m	200/305	200/305	200/305	200/305	300/500	305/500
Total weight	kg/km	32,30 (30,45)	37,69 (35,06)	50,63 (47,00)	60,01 (55,03)	85,00	98,00

Cables radio frequency coaxial 75 Ohm

Description	PK 75	FOCT						
		4-11	4-12	4-15	4-16	7-11	9-12	9-13



Electric parameters									
Impedance		Ohm	75+/-2	75+/-2	75+/-2	75+/-2	75+/-2	75+/-2	75+/-2
Capacity		pF/m	67	67	67	67	67	67	67
Velocity ratio		%	66	66	66	66	66	66	66
DC resistance (20 °C)	Conductor	Ohm/km			45				
	Outer shield	Ohm/km							
Attenuation (20 °C)	5 MHz	dB/100 m	2,21	3,5	2,21	3,5	1,41	1,13	1,13
	50 MHz	dB/100 m	5,82	5,9	5,82	5,9	3,71	2,99	2,99
	200 MHz	dB/100 m	11,78	16,8	11,78	16,8	7,54	6,11	6,11
	470 MHz	dB/100 m	18,15	28,3	18,15	28,3	11,66	9,46	9,46
	500 MHz	dB/100 m	19,74	31,2	19,74	31,2	12,69	10,30	10,30
	862 MHz	dB/100 m	25,94	59,4	25,94	59,4	16,72	13,60	13,60
	1000 MHz	dB/100 m	27,44	79,6	27,44	79,6	17,70	14,41	14,41
	1350 MHz	dB/100 m	32,35		32,35		20,92	17,05	17,05
	1750 MHz	dB/100 m	37,29		37,29		24,16	19,72	19,72
	2050 MHz	dB/100 m	41,03		41,03		26,62	21,75	21,75
	2150 MHz	dB/100 m	41,71		41,71		27,08	22,13	22,13
Return loss at	30-470 MHz	dB							
	470-862 MHz	dB							
	862-2150 MHz	dB							
Screening efficiency	5-10 MHz	dB	>65	>65	>65	>65	>65	>65	>65
	10-30 MHz	dB	>75	>75	>75	>75	>75	>75	>75
	30-1000 MHz	dB	>80	>80	>80	>80	>80	>80	>80
Construction									
Material conductor			Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
Diameter conductor	∅ mm		0,72	7x0,26	0,72	7x0,26	1,13	1,4	1,4
Material dielectric			PE	PE	PE	PE	PE	PE	PE
Diameter dielectric	∅ mm		4,60	4,60	4,60	4,60	7,25	9,00	9,00
Braiding material			Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	Bare copper
Braid coverage	%		90	90	90	90	90	90	90
Outer jacket			PE	PE	PVC	PVC	PE	PVC	PE
Diameter sheath	∅ mm		7,0	7,0	7,0	7,0	9,5	12,2	12,2
Min. Setting radius	mm		35	30	35	30	100	120	120
Code of cable			4176	4109	4174	4177	4122	4180	4179
Colour			Black	Black	White Black	White Black	Black	Black	Black
Packing	m		200	200	200	200	400	500/1000	500/1000
Total weight	kg/km		63	63	72	72	104	189	172

Fireproof cables (fire resistant LSOH sheathed cables)

Description	PK 75	RG-59 ВНГ LSOH	4,3-85B ВНГ LSOH	RG-62 A/U ВНГ LSOH	7,2-a85B ВНГ LSOH	7,2-m85B ВНГ LSOH
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Electric parameters

Impedance	Ohm	75+/-3	75+/-5	93+/-5	75+/-3	75+/-3	
Capacity	pF/m	54,5+/-3	52+/-3	43+/-5	53+/-3	53+/-3	
Velocity ratio	%	85	85	85	84	84	
DC resistance (20 °C)	Conductor	Ohm/km	35,5	22,5	48,0	8,4	8,4
	Outer shield		24,6	25,6	24,20	10,8	9,7
Attenuation (20 °C)	5 MHz	dB/100 m	1,93	1,55	1,96	0,94	0,9
	50 MHz	dB/100 m	6,13	4,96	5,17	2,98	2,83
	200 MHz	dB/100 m	12,30	9,7	10,44	6	5,71
	470 MHz	dB/100 m	18,93	14,68	16,04	9,21	8,77
	500 MHz	dB/100 m	19,02	15,09	17,44	9,51	9,05
	862 MHz	dB/100 m	25,75	19,95	22,85	12,96	12,34
	1000 MHz	dB/100 m	27,77	21,5	24,14	14,27	13,59
	1350 MHz	dB/100 m		25,72	28,41	15,89	15,13
Return loss at	1750 MHz	dB/100 m		29,10	32,67	18,01	17,15
	2050 MHz	dB/100 m		32,42	35,90	20,09	19,13
	2150 MHz	dB/100 m		33,22	36,47	20,6	19,62
	30-470 MHz	dB	>23	>23	>23	>23	>23
Screening efficiency	470-862 MHz	dB	>20	>20	>20	>20	>20
	862-2150 MHz	dB	>18	>18	>18	>18	>18
	5-10 MHz	dB	>75	>65	>65	>75	>85
Screening efficiency	10-30 MHz	dB	>80	>70	>70	>85	>95
	30-1000 MHz	dB	>90	>80	>80	>90	>100

Construction

Material conductor			Bare copper	Bare copper	Bare copper	Bare copper	Bare copper	
Diameter conductor	Ø	MM	0,80	1,02	0,65	1,63	1,63	
Material dielectric			FHDPE	FHDPE	FHDPE	FHDPE	FHDPE	
Diameter dielectric	Ø	MM	3,7±0,15	4,3±0,15	4,1±0,15	7,2±0,15	7,2±0,15	
Type of foil			-	-	-	Al/Pet/Al/Pet	Cu/Pet	
Braiding material			Bare copper	Bare copper	Bare copper	Annealed tinned copper	Bare copper	
Braid coverage		%	90	90	90	85	85	
Outer jacket			Fire resistant LSZH and fire retardant LSZH polymeric composition					
Diameter sheath	Ø	MM	6,1	6,8	6,15	10,2	10,3	
Min. Setting radius		MM	35	35	35	100	100	
Max. recommended pulling tension		N	50	75	55	300	225	

Код товара		4830	4792	4937	4803	4750
Colour		Black	Black	Black	Black	Черный
Packing		200/305	200/305	200/305	500/1000	500/1000
Total weight	кг/км	45,00	45,21	56,84	95,97	123,55